Mil-C-5015 Types

ABBMS

VG 95234 Connector Series

ab Connectors
A Subsidiary of TT electronics plc

TT electronics
AB Connectors Limited

AB Connectors

Company Profile

Operating from the principal site in South Wales, U.K., AB Connectors Limited, a subsidiary of TT electronics plc., is one of the recognised market leaders in design, test and manufacture of harsh environment interconnection systems, bespoke harness assemblies and equipment sub-units.

With a satellite assembly facility in North Carolina, USA, and a co-ordinated global sales and distribution network, AB Connectors Ltd. offers an unrivalled service to both engineers and buyers alike.

Through a commitment to a structured new product introduction process, AB Connectors is continuing investment in research and development of new materials and processes, surface treatments and the very latest manufacturing technology and techniques to ensure the products meet the most exacting standards encountered in the modern Military, Mass Transportation and Industrial market places.

Quality system approvals include BS/EN/ISO 9001 along with product approvals to BS9000, IECQ and CECC. As a result of these qualifications, AB Connectors have been awarded several major customer approvals and accreditations.

AB Connectors total commitment to providing customers with high levels of service, cost effectiveness, quality and innovation solutions in interconnection products, make it the ideal first choice supply partner.

ABBMS

Bayonet Connector

The ABBMS Bayonet Connector series is based on the MS series of connectors which conform to American Mil-C-5015 specification. Originally developed for aerospace applications, the connectors are now used extensively throughout the mass transportation, military fighting vehicle, commercial and general industrial markets.

ABBMS Bayonet Connectors are interchangeable with all corresponding MS types and feature identical panel mounting dimensions and contact arrangements. Positive coupling is indicated by an audible 'snap' and visually by the alignment of three coloured spots on the receptacle shell and the coupling nut of the free plug connector.

Protection against dust and water ingress is achieved by using a dynamic sealing under the coupling nut and by using an individual wire seal grommet in the connector back shell assembly. A wavy washer assembly, also situated in the coupling nut and a comprehensive range of back shells and accessories, ensure excellent shell-to-shell continuity and shielding characteristics between mated connectors.

Product approvals include British Standard 9522 F0032 and German standard VG95234. The connectors are also designed to meet the requirement of railway specifications TDE 77/R/42 and RSE/STD/024.

ABBMS Bayonet Connectors are supplied with aluminium parts plated with cadmium free finishes and with a choice of passivation.

Contents

Global Presence

The world's demand for electronics is increasing as new technologies, with a higher dependence on complex components, are being adopted by a broader customer base. This growth provides TT electronics an assured future as we focus on efforts to deliver excellence in customer service and quality products to these markets. From our strong UK base, the company has achieved truly global reach. We have established technical and manufacturing facilities in strategic countries maintaining the successful formula of close liaison with our customers in all major overseas markets.

In addition, through strategic relationships with Original Equipment Manufacturers around the world, we are now in the enviable position where we gain double benefit - from growth in their markets and from the increase in the electronic content of end products.

Information on TT electronics companies can be found by contacting:-

Head Office:

TT electronics plc
Clive House
12 - 18 Queens Road
Weybridge
Surrey
KT13 9XB
UK

Tel: +44 (0) 1932 841310
Fax: +44 (0) 1932 836450

Email: info@ttelectronics.com
Web: www.ttelectronics.com

STANDARD DATA

Materials

SHELL: Aluminium alloy.

INSULATOR: **ABB/ABCIR Series** Polychloroprene or Low Halogen.
HT ABB Series Flouro-carbon (Viton).

GROMMET: **ABB/ABCIR Series** polychloroprene or Low Halogen.
HT ABB Series Flouro-silicone.

CONTACTS: Copper Alloy.

ACCESSORY HARDWARE: Aluminium alloy.

Plating Finishes

SHELL: Olive drab chromate over cadmium plate.

CONTACTS: Hard silver over nickel or gold over nickel.

ACCESSORY HARDWARE: Olive drab chromate over cadmium plate.

Consult factory for alternative shell and accessory finishes.

Mechanical features

SHELL SIZE: In sixteenths of an inch.

COUPLING: Bayonet.

Contact Arrangement

10SL-3	#				24-V1
10SL-4	#				24-2
					24-7
14S-2	#				24-10
14S-5	#				24-11
14S-6				#	24-12
14S-7	#			+	24-22
16S-1	#				28-10
16-10				#	28-11
16-12					28-20
18-1	#			+	28-21
18-11					28-A63
18-12	=				32-1
20-2					32-3
20-3					32-6
20-8					32-7
20-A9				+	32-A13
20-15				=	32-17
20-21					32-A69
20-A48					32-T3
22-2					36-5
22-12					36-6
22-14	#	+		=	36-10
22-19				+	36-A22
22-22				=	40-E4
22-27				+	40-A35
				=	40-A60

= F80 Version only
+ Standard & F80 versions
# Current High Temperature availability

NUMBER of WAYS: 1 - 61.

CONTACT TERMINATION: Crimp or solder.

SEALING: Dynamic sealing ring & grommet

TECHNICAL DATA

TEMPERATURE RANGE:

ENVIRONMENTAL RATING:

ABB/AB CIR Series,
- 55°C to + 125°C

HT ABB Series
- 40°C to + 190°C

Contact Current Ratings

Contact Size AWG	Contact Size Metric	Maximum Current	Rated Current
20	10	7.5A	5A
16/16S	15/15S	22A	13A
12	25	41A	23A
8	60/100	73A	46A
4	160	135A	80A
0	500	245A	150A
0000	-	500A	300A

Voltage at sea level

(a) Working voltage - d.c. or a.c. peak 350V to 1750V.
(b) Proof voltage - d.c. or a.c. peak 1050V to 3000V.

Environmental Ratings

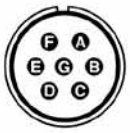
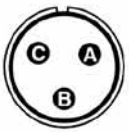
(A) Shock severity: 75g.
(B) Vibration: 5-500 Hz long endurance 30 hr test at 10g.
(C) Acceleration: 50g.
(D) Humidity severity: H6 (6 cycles acc 56 days).

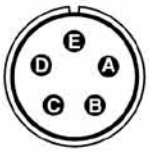
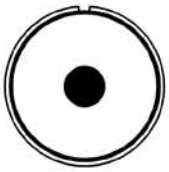
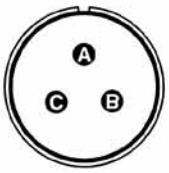
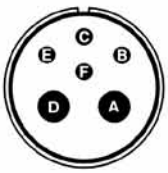
Note. general assembly and wiring instructions can be obtained by contacting AB Connectors Sales Office on:

Tel: National **01443 740331**
International **# 44 1443 740331**
Fax: National **01443 741676**
International **# 44 1443 741676**

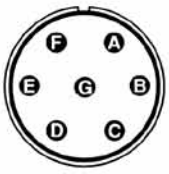
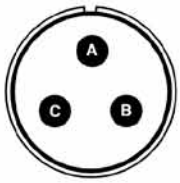
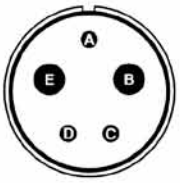
ABBMS
Standard Contact Arrangements

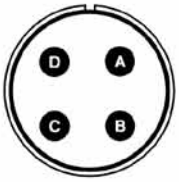
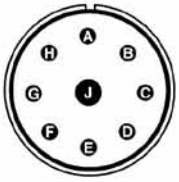
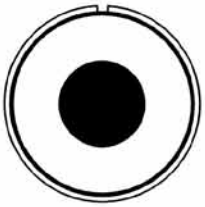
SHELL SIZE	10SL	10SL	14S	14S	14S
					
Contact Arrangement	10SL-3	10SL-4	14S-2	14S-5	14S-6
No. of Contacts x Size AWG (Metric)	3#16S(15S)	2#16S(15S)	4#16S(15S)	5#16S(15S)	6#16S(15S)
Service Rating	A	A	INST	INST	INST

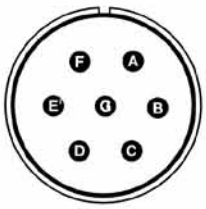
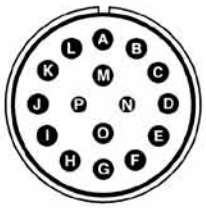
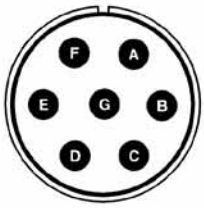
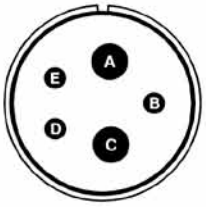
SHELL SIZE	14S	16S	16	16	18
					
Contact Arrangement	14S-7	16S-1	16-10	16-12	18-1
No. of Contacts x Size AWG (Metric)	3#16S(15S)	7#16S(15S)	3#12(25)	1#4(160)	10#16(15)
Service Rating	A	A	A	A	A & INST

SHELL SIZE	18	20	20	20	20
					
Contact Arrangement	18-11	20-2	20-3	20-8	20-A9
No. of Contacts x Size AWG (Metric)	5#12(25)	1#0(500)	3#12(25)	4#16(15) 2#8(100)	9#12(25)
Service Rating	A	D	D	INST	D & INST

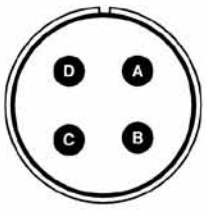
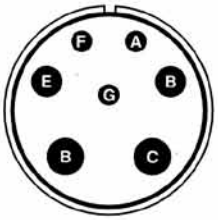
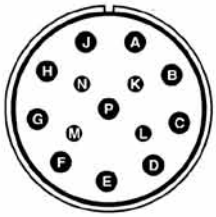
ABBMS
Standard Contact Arrangements

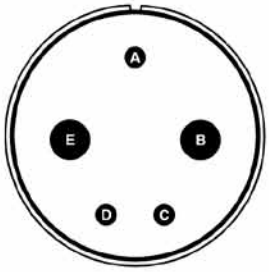
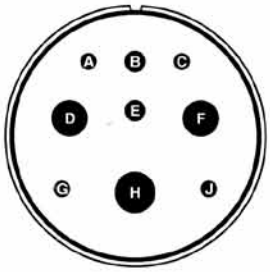
SHELL SIZE	20	20	20	22	22
					
Contact Arrangement	20-15	20-21	20-A48	22-2	22-12
No. Contacts x Size AWG (Metric)	7#12(25)	8#16(15) 1#12(25)	19#16(15)	3#8(100)	2#8(100) 3#16(15)
Service Rating	A	A	INST	D	D

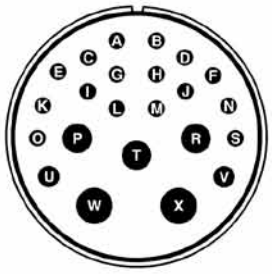
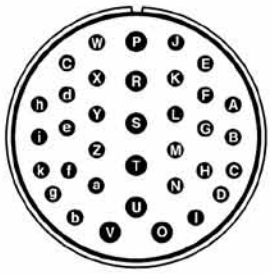
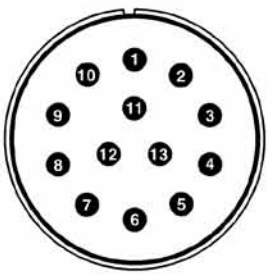
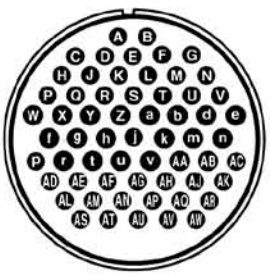
SHELL SIZE	22	22	22	22	24
					
Contact Arrangement	22-14	22-19	22-22	22-27	24-V1
No. of Contacts x Size AWG (Metric)	19#16(15)	14#16(15)	4#8(100)	1#8(60) 8#16(15)	1#0000
Service Rating	A	A	A	A & D	A

SHELL SIZE	24	24	24	24	24
					
Contact Arrangement	24-2	24-7	24-10	24-11	24-12
No. of Contacts x Size AWG (Metric)	7#12(25)	14#16(15) 2#12(25)	7#8(100)	6#12(25) 3#8(100)	3#12(25) 2#4(160)
Service Rating	D	A	A	A	A

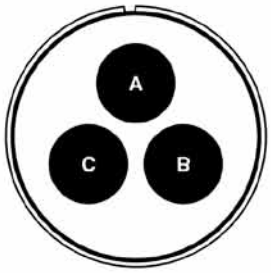
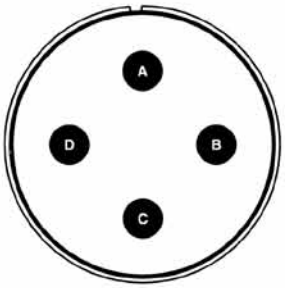
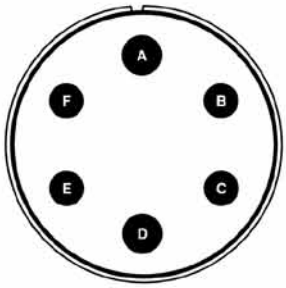
ABBMS
Standard Contact Arrangements

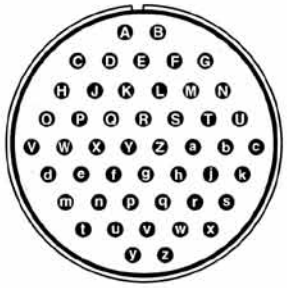
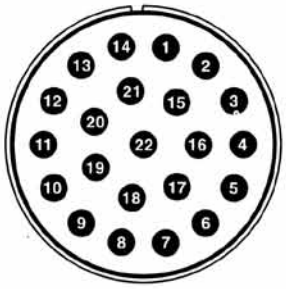
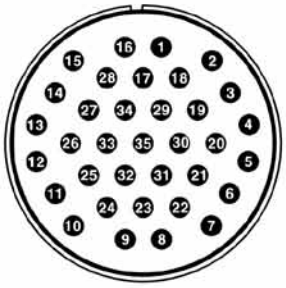
SHELL SIZE	24	28	28	28
				
Contact Arrangement	24-22	28-10	28-11	28-20
No. Contacts x sSize AWG (Metric)	4#8(100)	3#12(25) 2#8(100) 2#4(160)	18#16(15) 4#12(25)	4#16(115) 10#12(25)
Service Rating	D	A & D	A	A

SHELL SIZE	28	28	32	32
				
Contact Arrangement	28-21	28-A63	32-1	32-3
No. of Contacts x Size AWG (Metric)	37#16(15)	19#16(15) 9#12(25)	3#12(25) 2#0(500)	4#16(15) 2#12(25) 2#4(160)1#0(500)
Service Rating	A	A & INST	E & D	D

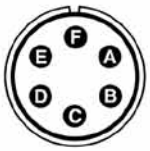
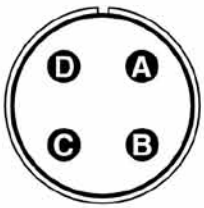
SHELL SIZE	32	32	32	32
				
Contact Arrangement	32-6	32-7	32-A13	32-A69
No. of Contacts x16#16(15)2#12(25) Size AWG (Metric)3#8(60)2#4(160)		28#16(15) 7#12(25)	13#12(25)	41#20(10) 20#16(15)
Service Rating	A	A & INST	D	INST

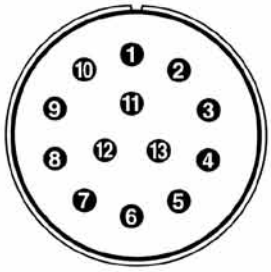
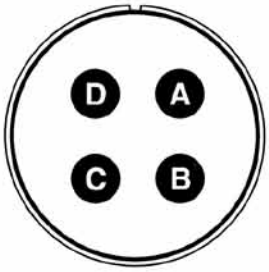
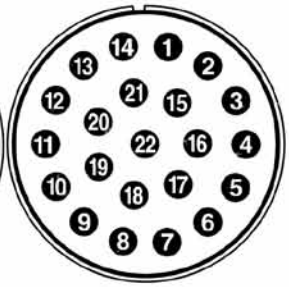
ABBMS
Standard Contact Arrangements

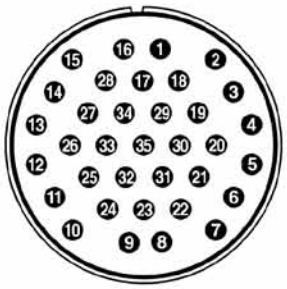
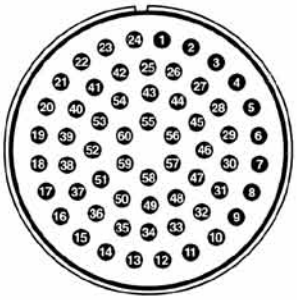
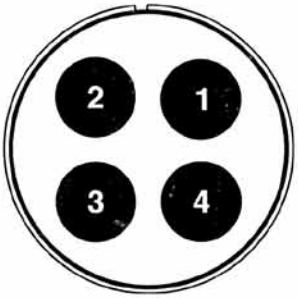
SHELL SIZE	32	36	36
			
Contact Arrangement	32-T3	36-5	36-6
No. Contacts x Size AWG (Metric)	3#Triax For Raychem EPD 47471	4#0(500)	2#0(500) 4#4(160)
Service Rating	INST	A	A

SHELL SIZE	36	36	40
			
Contact Arrangement	36-10	36-A22	40-A35
No. of Contacts x Size AWG (Metric)	48#16(15)	22#12(25)	35#12(25)
Service Rating	A	D	D

ABBMS
F80 Contact Arrangements

SHELL SIZE	18	22	24	28
				
Contact Arrangement	18-12	22-14	24-22	28-21
No. Contacts x Size AWG (Metric)	6#16(15)	19#16(15)	4#8(100)	37#16(15)
Service Rating	A	A	D	A

SHELL SIZE	32	32	36	36
				
Contact Arrangement	32-A13	32-17	36-10	36-A22
No. of Contacts x Size AWG (Metric)	13#12(25)	4#4(160)	48#16(15)	22#12(25)
Service Rating	D	D	A	D

SHELL SIZE	40	40	40
			
Contact Arrangement	40-A35	40-A60	40-E4
No. of Contacts x Size AWG (Metric)	35#12(25)	60#16(15)	4#0(500)
Service Rating	D	A	E

ABBMS
Selection Chart

SHELL SIZE	CONTACT ARRANGt	NO. OF CONTACTS	CONTACT SIZE (AWG/METRIC) & CURRENT RATING (DERATED) (Amps) - at 85°C ambient							SHELL ORIENTn	SERVICE RATING
			20 (10)	16/16S (15/15S)	12 (25)	8 (60/100)	4 (160)	0 (500)	0000		
10SL	3	3		3 x 10A						N	A
10SL	4	2		2 x 10A						N	A
14S	2	4		4 x 10A						NXY	Inst
14S	5	5		5 x 10A						NX	Inst
14S	6	6		6 x 10A						N	Inst
14S	7	3		3 x 10A						NWXY	A
16S	1	7		7 x 10A						NWZ	A
16	10	3			3 x 20A					NWXY	A
16	12	1					1 x 75A			N	A
18	1	10		10 x 10A						NWXYZ	* A & Inst
18	11	5			5 x 20A					NXY	A
18	12	6		6 x 10A						NWZ	A
20	2	1						1 x 135A		N	D
20	3	3			3 x 20A					NWXYZ	D
20	8	6		4 x 10A		2 x 42A				NWXYZ	Inst
20	A9	9			9 x 20A					NXY	* D & Inst
20	15	7			7 x 20A					NWZ	A
20	21	9		8 x 10A	1 x 20A					NWXYZ	A
20	A48	19		19 x 10A						NXY	Inst
22	2	3				3 x 42A				NWXYZ	D
22	12	5		3 x 10A		2 x 42A				NWXYZ	D
22	14	19		19 x 10A						NWXYZ	A
22	19	14		14 x 10A						NWXYZ	A
22	22	4				4 x 42A				NXY	A
22	27	9		8 x 10A		1 x 42A				NWYZ	* A & D
24	V1	1							1 x 300A	N	A
24	2	7			7 x 20A					NWZ	D
24	7	16		14 x 10A	2 x 20A					NWXYZ	A
24	10	7				7 x 42A				NWZ	A
24	11	9			6 x 20A	3 x 42A				NWXYZ	A
24	12	5			3 x 20A		2 x 75A			NWXYZ	A
24	22	4				4 x 42A				NWXY	D
28	10	7			3 x 20A	2 x 42A	2 x 75A			NWXYZ	* A & D
28	11	22		18 x 10A	4 x 20A					NWXYZ	A
28	20	14		4 x 10A	10 x 20A					NWXYZ	A
28	21	37		37 x 10A						NWXYZ	A
28	A63	28		19 x 10A	9 x 20A					NXY	* A & Inst
32	1	5			3 x 20A			2 x 135A		NWXYZ	* E & D
32	3	9		4 x 10A	2 x 20A		2 x 75A	1 x 135A		NWXYZ	D
32	6	23		16 x 10A	2 x 20A	3 x 42A	2 x 75A			NWXYZ	A
32	7	35		28 x 10A	7 x 20A					NWXYZ	* A & Inst
32	17	4					4 x 75A			NWXY	D
32	A13	13			13 x 20A					NWXYZ	D
32	A69	61	41 x 5A	20 x 10A						NXY	Inst
32	T3	3	3 x TRIAX CONTACTS FOR RAYCHEM EPD 47471 CABLE							N	Inst
36	5	4						4 x 135A		NXY	A
36	6	6					4 x 75A	2 x 135A		NWXYZ	A
36	10	48		48 x 10A						NWXYZ	A
36	A22	22			22 x 20A					NWXYZ	D
40	A35	35			35 x 20A					NWXYZ	D
40	A60	60		60 x 10A						NWXYZ	A
40	E4	4						4 x 135A		NWX	E

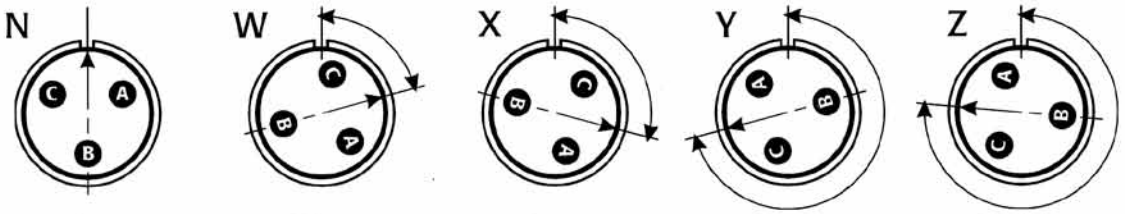
SERVICE RATING	SEA LEVEL 1013 mbar				8,500m (27,800 ft) 300 mbar			
	Inst	A	D	E	Inst	A	D	E
WORKING VOLTAGE DC or AC peak	350	700	1250	1750	100	200	350	500
VOLTAGE PROOF DC or AC peak	1050	2100	3000	3000	300	600	900	900

*** Contact arrangements/service ratings**

18-1 Contacts B, C, F, G	= A Balance	= Inst
20-A9 Contacts J	= D Balance	= Inst
22-27 Contacts J	= D Balance	= A
28-10 Contacts G	= D Balance	= A
28-A63 Contacts E	= A Balance	= Inst
32-1 Contacts A	= E Balance	= D
32-7 Contacts A, B, H & J	= Inst Balance	= A

ABBMS
Alternative Insert Orientations

View on Mating Face of Pin Inserts



Colour code: Yellow Blue Green Purple White

CONTACT ARRANGEMENT	ANGULAR DISPLACEMENT OF INSERT W	X	Y	Z
10SL-3	-	-	-	-
10SL-4	-	-	-	-
14S-2	-	120	240	-
14S-5	-	110	-	-
14S-6	-	-	-	-
14S-7	90	180	270	-
16S-1	80	-	-	280
16-10	90	180	270	-
16-12	-	-	-	-
18-1	70	145	215	290
18-11	-	170	265	-
18-12	80	-	-	280
20-2	-	-	-	-
20-3	70	145	215	290
20-8	80	110	250	280
20-A9	-	110	250	-
20-15	80	-	-	280
20-21	35	110	250	325
20-A48	-	80	280	-
22-2	70	145	215	290
22-12	80	110	250	280
22-14	80	110	250	280
22-19	80	110	250	280
22-22	-	110	250	-
22-27	80	-	-	280
24-V1	-	-	-	-
24-2	80	-	-	280
24-7	80	110	250	280
24-10	80	-	-	280
24-11	35	110	250	325
24-12	80	110	250	280
24-22	45	110	250	-
28-10	80	110	250	280
28-11	80	110	250	280
28-20	80	110	250	280
28-21	80	110	250	280
28-A63	-	100	260	-
32-1	80	110	250	280
32-3	80	110	250	280
32-6	80	110	250	280
32-7	80	125	235	280
32-17	45	110	250	-
32-A13	65	130	230	295
32-A69	-	110	250	-
32-T3	-	-	-	-
36-5	-	120	240	-
36-6	35	110	250	325
36-10	80	125	235	280
36-A22	80	110	250	280
40-A35	70	130	230	290
40-A60	80	110	250	280
40-E4	45	110	-	-

ABBMS

Connector and Accessories Compatibility

Note. ABB/ABCIR grommets available in polychloroprene or low halogen material.

Compatibility of ABB (121B/VG) - BS 9522 F0032 Grommets/ Accessories		
Contact Arrangement	Solder	Crimp
10SL-3	1	1
10SL-4	1	1
14S-2	1	1
14S-5	1	1
14S-6	1	1
14S-7	1	1
16S-1	1	1
16-10	1	1
16-12	1	1
18-1	1	1
18-11	1	1
18-12	1	1
20-2	1	1
20-3	1	1
20-8	1	1
20-A9	1	1
20-15	1	1
20-21	1	1
20-A48	1	1
22-2	1	1
22-12	1	1
22-14	1	1
22-19	1	1
22-22	1	1
22-27	1	1
24-2	1	1
24-7	1	1
24-10	1	1
24-11	1	1
24-12	1	1
24-22	1	1
24-V1	*	*
28-10	1	1
28-11	1	1
28-20	1	1
28-21	1	1
28-A63	1	1
32-1	1	1
32-3	1	1
32-6	1	1
32-7	1	1
32-17	1	1
32-A13	1	1
32-A69	1	1
32-T3	*	*
36-5	1	1
36-6	1	1
36-10	1	1
36-A22	1	1
40-A35	1	1
40-A60	1	1
40-E4	1	1

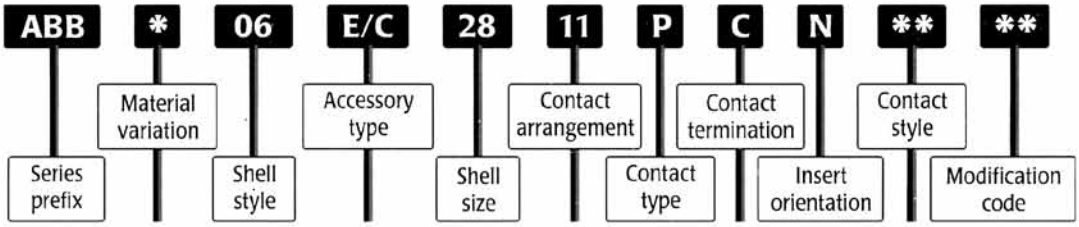
Note. Consult factory for availablity of MSE grommets in low halogen material.

Compatibility of SBMS - BS 9522 F0030 Grommets/ Accessories		
Contact Arrangement	Solder	Crimp
10SL-3	1	1
10SL-4	1	1
14S-2	1	1
14S-5	1	1
14S-6	1	1
14S-7	1	1
16S-1	1	1
16-10	1	0
16-12	*	*
18-1	1	1
18-11	1	0
18-12	*	*
20-2	1	1
20-3	*	*
20-8	*	*
20-A9	*	*
20-15	1	0
20-21	*	*
20-A48	1	1
22-2	1	0
22-12	*	*
22-14	1	1
22-19	1	1
22-22	1	0
22-27	*	*
24-2	1	1
24-7	1	0
24-10	*	*
24-11	1	0
24-12	1	0
24-22	*	*
24-V1	*	*
28-10	1	0
28-11	1	0
28-20	*	*
28-21	1	1
28-A63	*	*
32-1	1	1
32-3	*	*
32-6	1	0
32-7	1	0
32-17	*	*
32-A13	*	*
32-A69	*	*
32-T3	*	*
36-5	*	*
36-6	*	*
36-10	1	1
36-A22	*	*
40-A35	*	*
40-A60	*	*
40-E4	*	*

Notation: 1 = Compatible; 0 = Non-Compatible; * = Consult Factory

ABBMS
Part Number Explanation

ABB RANGE



Series prefix: **ABB** - Approved to BS9522 F0032 & VG95234

HTABB - High temp. ABB (- 40° - C + 190° C).

Material variation: **H** - Halogen Free material, leave blank for standard material.

Shell style: **00** - Square Flange receptacle Front panel mounting.

01 - Cable mounted receptacle.

03 - Square Flange receptacle rear panel mounting.

06 - Plug with arctic grip coupling nut and RFI grounding.

NS06 - Plug with arctic grip coupling nut. No RFI grounding.

E06 - Plug with fine knurl grip coupling nut. No RFI grounding.

SE06 - Plug with fine knurl grip coupling nut and RFI grounding.

07 - Bulkhead receptacles.

08 - Plugs with 90° angled outlet.

NS08, **E08**, **SE08** — Coupling nut types and RFI grounding as per 06 version above.

Accessory type: For various accessories see page 12.

Shell size: **10SL** to **40** (in sixteenths of an inch)

Contact arrangement: See pages 3 - 7.

Contact types: **P** pin, **S** socket, **H** Bulkhead (07) receptacle only.

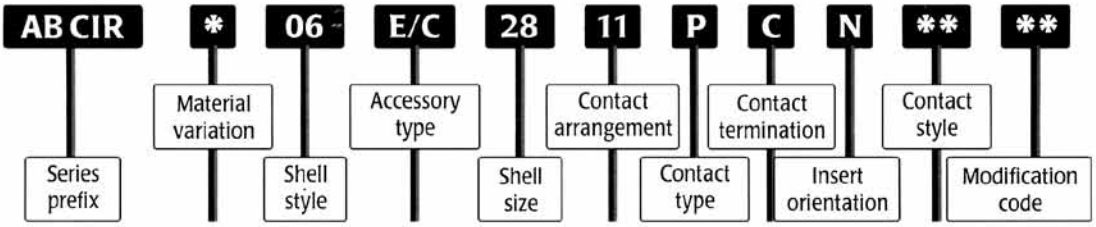
Contact termination: **S** solder, non-removable, **C** Crimp, removable.

Insert orientation: **N** normal, **W**,**X**,**Y**,**Z** alternative insert positions. See page 9.

Contact style: **F 80** F80 style contacts, leave blank for standard VG95234 style contacts.

Modification code: Please consult Factory.

ABCIR RANGE



Series prefix: ABCIR

Material Variation: H - Halogen Free material, leave blank for standard material

Shell style: **00** - Square Flange receptacle Front panel mounting.

01 - Cable mounted receptacle.

03 - Square Flange receptacle rear panel mounting.

P06 - Plug with rubberised coupling nut. No RFI grounding.

06 - Plug with fine knurl grip coupling nut. No RFI grounding.

SE06 - Plug with Fine knurl grip coupling nut and RFI grounding.

07 - Bulkhead receptacles.

08 - Plugs with 90° angled outlet.

SE08 — Coupling nut types and RFI grounding as per 06 version above.

Accessory type: For various accessories see page 12.

Shell size: **10SL** to **40** (in sixteenths of an inch).

Contact arrangement: See pages 3 - 7.

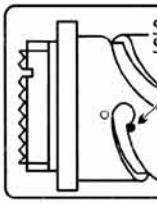
Contact type: **P** pin, **S** socket, **H** Bulkhead (07) receptacle only.

Contact termination: **S** Solder, non removable **C** Crimp, removable.

Insert Orientation: **N** normal, W,X,Y,Z alternative insert positions. See page 9.

Contact style: **F 80** F80 style contacts, leave blank for standard VG95234 style contacts.

Modification code: Please consult Factory.



AB CIR connectors feature stainless steel pins at critical wear points of the cam tracks to protect from wear inflicted by continuous mating / de-mating and vibration.

ABBMS

Part Number Explanation - Accessory Types

The following accessory types can be used with both ABB & ABCIR Ranges.

ACCESSORY TYPE:

A - No rear threads and no accommodation for accessories. Shell styles 00 & 03.

D - Straight cable Clamp. BS9522 F0032/VG95234 approved.

E - 5MS Plain grommet, grommet nut and follower. BS9522 F0030 approved.

E/V - Grommet, grommet nut and follower. BS9522 F0032/VG95234 approved.

E/C - 5MS Cable Clamp, grommet and follower. BS9522 F0030 approved.

E/A - 5MS 90° Outlet with grommet nut and grommets. BS9522 F0030 approved.

E/AC - 5MS 90° Outlet with 5MS Cable Clamp and grommets. BS9522 F0030 approved.

E/AT - 5MS 90° Outlet with rear end threads for accessory accommodation. BS9522 F0030 approved.

E/MC - 5MS Multicore Cable Clamp with grommet and follower. BS9522 F0030 approved.

F - 90° Angled outlet with cable clamp. BS9522 F0032/VG95234 approved.

FT - 90° Angled outlet with rear end threads for conduit termination. BS9522 F0032/VG95234 approved.

FM - 90° Outlet RFI Shielded Accessory Type FM.

G - Heat shrink adaptor. BS9522 F0032/ VG95234 approved.

GG - Non-locking conduit reducing adaptor with grommet and follower.

GM - Locking RFI shielded adaptor with grommet. For banded screening system.

GS - Non-locking heat shrink adaptor with grommet and follower.

H - Conduit termination adaptor. BS9522 F0032/VG95234 approved.

H/C - Locking Cable Clamp. BS9522 F0032/ VG95234 approved.

JE - Non-locking conduit adaptor with 3057A cable clamp, grommet and Follower.

M - Adaptor for termination of shielding braids. BS9522 F0032/VG95234 approved.

LM - Adaptor for termination of shielding braids. VG95234 approved. R2 Style.

R - Non-locking conduit adaptor with grommet and Follower.

RM - Non-locking conduit adaptor with braid screen trap.

SM - Adaptor for termination of shielding braids. VG95234 approved. R1 Style.

T - Rear threads for accessory accommodation.

ABBMS

Calculating Overall Lengths of Connector with Accessories

Connectors with straight outlets

Overall length = connector length + accessory length - accessory overlap.

Typical example:-

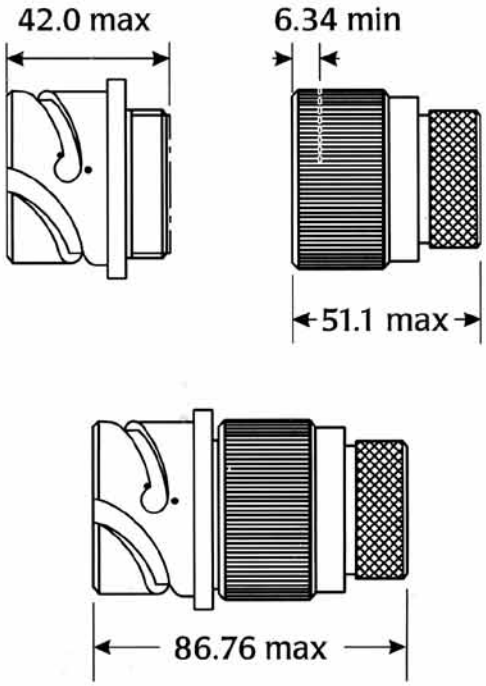
ABCIR - 03T - 2811 - PCN - P3 plus

ABB - 28 - 11 - HSAS.

New part no:-

ABCIR - 03GM - 2811 - PCN - P3.

Max overall length = 42.00 max + 51.1 max - 6.34 min = 86.76 max.



Connectors with 90° Angled Outlets

Overall length = connector length + (length to outlet ctr + ½ Thread dia) - overlap.

Typical example:-

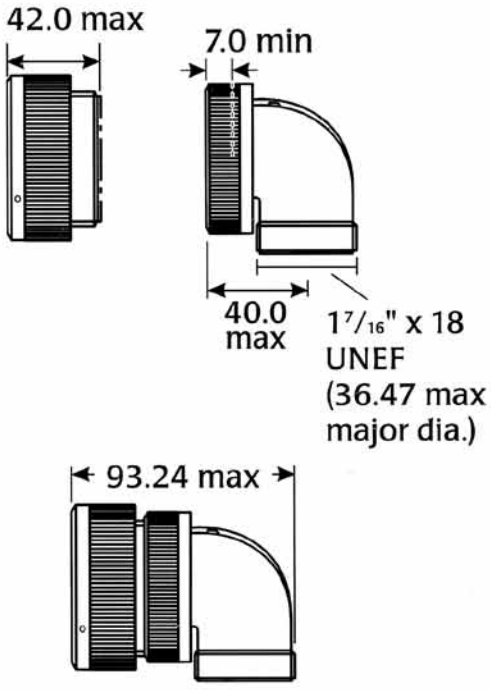
ABCIRSE - 06T - 2811 - SCN - P3 plus

ABB - 2811 - FT.

New part no:-

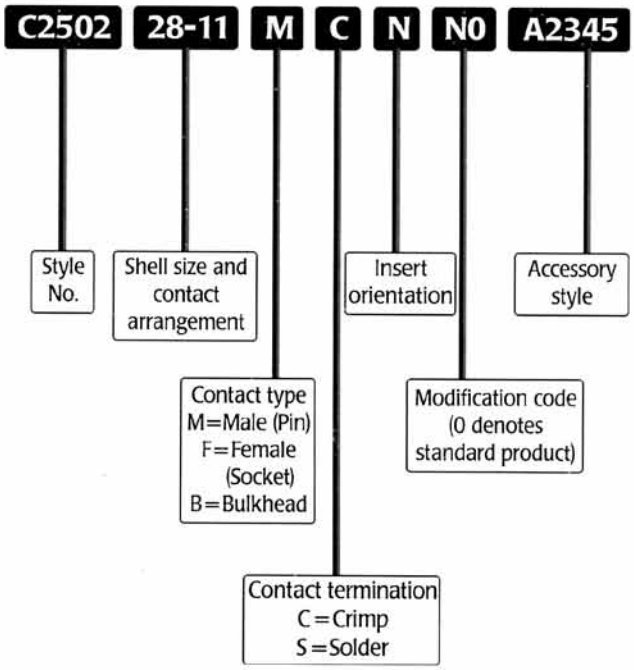
ABCIRSE - 08FT - 2811 - SCN - P3.

Max overall length = 42.0 max + 40.0 max + 18.24 max - 7.0 min = 93.24 max.



ABBMS
Explanations

BS Part No. Explanation



VG Part No. Explanation

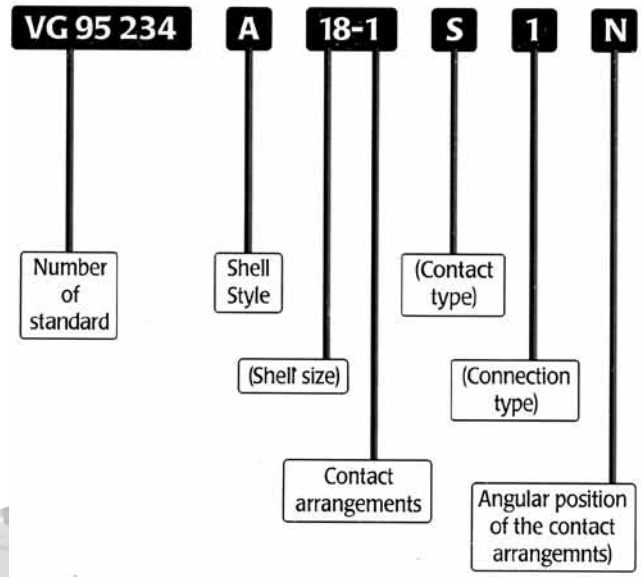


ABB MS Bayonet connectors cross reference table

AB connector style	BS9522 F0032 style	VG 95234 style
ABB00A		A
ABB00A..M6		
ABB00T	C2503	
ABB00T..M6	C2504	
ABB00E	C2503+A2344	
ABB00E..M6	C2504+A2344	
ABB00E/C	C2503+A2345	
ABB00E/C..M6	C2504+A2345	
ABB00E/MC	C2503+A2346	
ABB00E/MC..M6	C2504+A2346	
ABB00E/A	C2503+A2357	
ABB00E/A..M6	C2504+A2357	
ABB00E/AT	C2503+A2348	
ABB00E/AT..M6	C2504+A2348	
ABB00E/AC	C2503+A2358	
ABB00E/AC..M6	C2504+A2358	
ABB00D	C2503+A2527	
ABB00D..M6	C2504+A2527	
ABB00G	C2503+A2525	
ABB00G..M6	C2504+A2525	
ABB00H	C2503+A2524	
ABB00H..M6	C2504+A2524	
ABB00H/C	C2503+A2760	
ABB00H/C..M6	C2504+A2760	
ABB00M	C2503+A2526	
ABB00M..M6	C2504+A2526	
ABB00F	C2503+A2523	
ABB00F..M6	C2504+A2523	
ABB00FT	C2503+A2522	
ABB00FT..M6	C2504+A2522	
ABB001T	C2509	
ABB001E	C2509+A2344	
ABB001E/C	C2509+A2345	
ABB001E/MC	C2509+A2346	
ABB01D	C2509+A2527	F
ABB01G	C2509+A2525	
ABB01H	C2509+A2524	
ABB01H/C	C2509+A2760	
ABB01M	C2509+A2526	
ABB03A	C2758	B2
ABB03A..M6	C2759	B1
ABB03T		
ABB03T..M6		
ABB03E		
ABB03E..M6		
ABB03E/C		
ABB03E/C..M6		
ABB03E/MC		
ABB03E/MC..M6		
ABB03E/A		
ABB03E/A..M6		
ABB03E/AT		
ABB03E/AT..M6		
ABB03E/AC		
ABB03E/AC..M6		
ABB03D		J2
ABB03D..M6		J1
ABB03G		U2

AB connector style	BS9522 F0032 style	VG 95234 style
ABB03G..M6		U1
ABB03H	C2510	
ABB03H..M6	C2512	
ABB03H/C	C2510+A2521	
ABB03H/C..M6	C2512+A2521	
ABB03M	C2514	N2
ABB03M..M6	C2516	N1
ABB03F		
ABB03F..M6		
ABB03FT		
ABB03FT..M6		
ABB07	C2507	C2
ABB07..M6	C2508	C1
ABB06T	C2502	
ABBNS06T	C2501	
ABB06E	C2502+A2344	
ABBNS06E	C2501+A2344	
ABB06E/C	C2502+A2345	
ABBNS06E/C	C2501+A2345	
ABB06E/MC	C2502+A2346	
ABBNS06E/MC	C2501+A2346	
ABB08E	C2502+A2357	
ABBNS08E	C2501+A2357	
ABB08T	C2502+A2348	
ABBNS08T	C2501+A2348	
ABB08E/C	C2502+A2358	
ABBNS08E/C	C2501+A2358	
ABB06D	C2502+A2527	
ABBNS06D	C2501+A2527	
ABB06G	C2502+A2525	
ABBNS06G	C2501+A2525	
ABB06H	C2502+A2524	
ABBNS06H	C2501+A2524	
ABB06H/C	C2502+A2760	
ABBNS06H/C	C2501+A2760	
ABB06M	C2502+A2526	
ABBNS06M	C2501+A2526	
ABB08F	C2502+A2523	
ABBNS08F	C2501+A2523	
ABB08FT	C2502+A2522	
ABBNS08FT	C2501+A2522	
ABBE06T	C2528	
ABBSE06T	C2529	
ABBE06D	C2528+A2527	D
ABBSE06D	C2529+A2527	
ABBE06G	C2528+A2525	G
ABBSE06G	C2529+A2525	T
ABBE06H	C2528+A2524	H
ABBSE06H	C2529+A2524	L
ABB06H/C	C2528+A2760	
ABBSE06H/C	C2529+A2760	
ABBE06M	C2528+A2526	
ABBSE06M	C2529+A2526	M
ABBE08F	C2528+A2523	E
ABBSE08F	C2529+A2523	
ABBE08FT	C2528+A2522	E1
ABBSE08FT	C2529+A2522	K

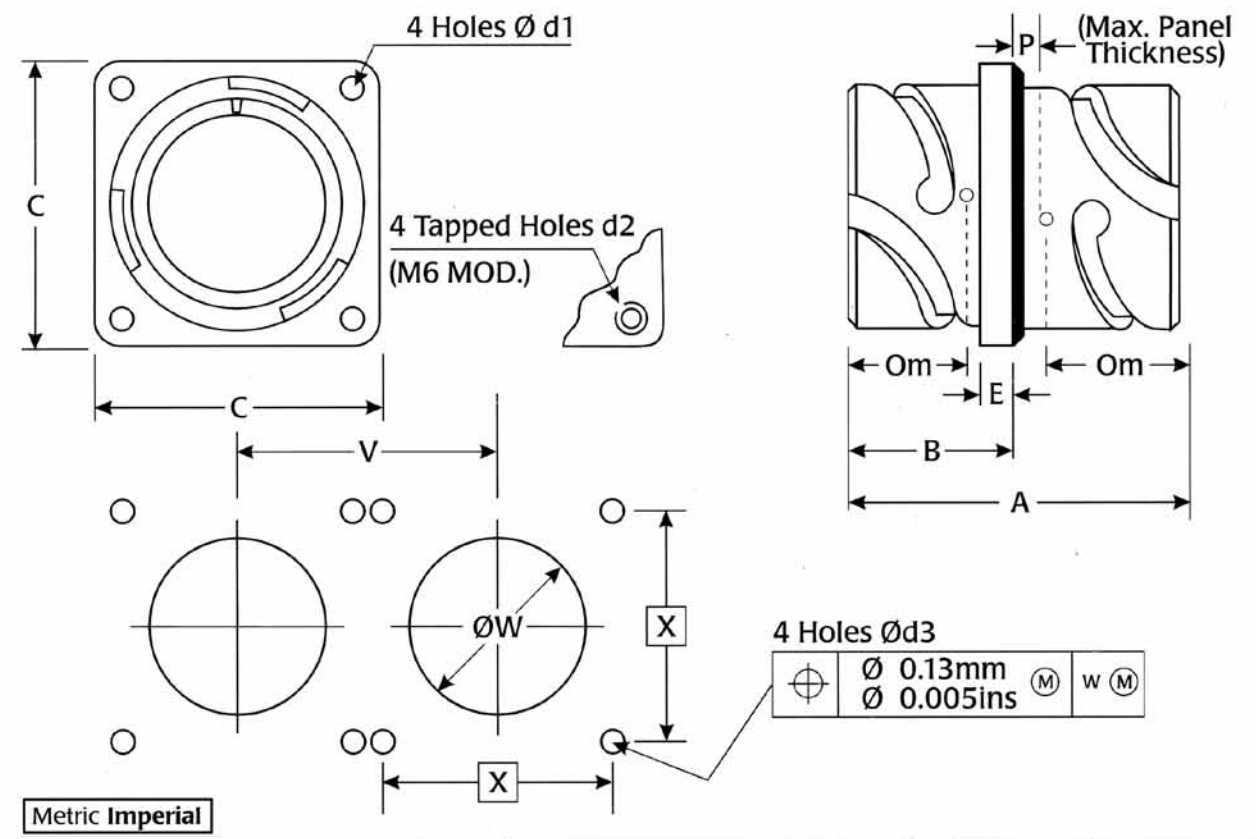
ABBMS

Bulkhead Receptacle -

Styles: ABB07/ABB07...M6, ABCIR07/ABCIR07...M6,

BS Styles: C2507/C2508

VG Styles: C2/C1



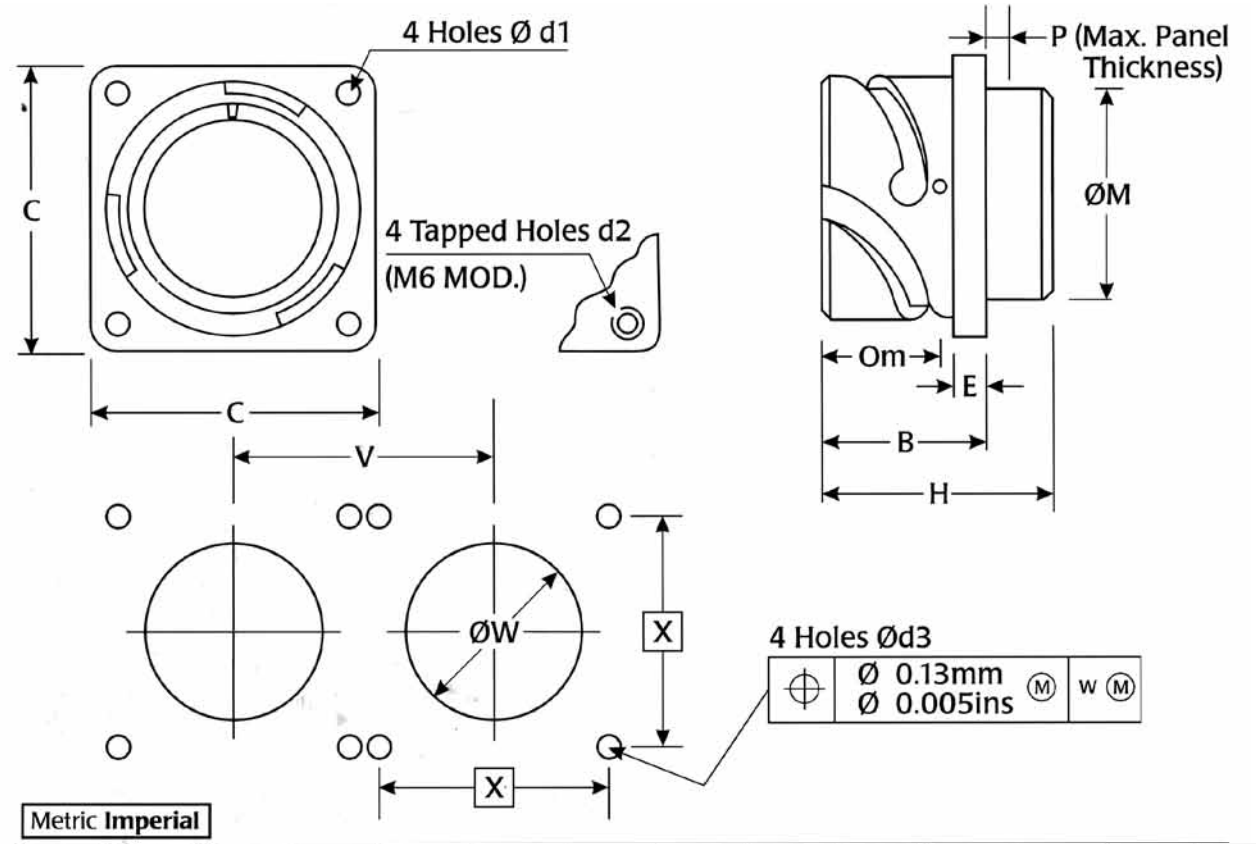
Metric **Imperial**

Shell size	A max	B max	C max	Ød1 +0.2-0 +0.008-0	d2 Thread	E max	P	O_m min overlap mated	Ød3 H13	V	W	X
10 SL	38.2 **1.504**	17.6 **0.693**	25.7 **1.012**	3.2 **0.126**	M4	3.0 **0.118**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	26.6 **1.047**	18.58 **0.732**	18.2 **0.717**
14 S	38.2 **1.504**	18.0 **0.709**	30.3 **1.193**	3.2 **0.126**	M4	3.4 **0.134**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	31.6 **1.244**	24.98 **0.984**	23.0 **0.906**
16 S	38.2 **1.504**	18.0 **0.709**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
16	52.1 **2.051**	22.8 **0.898**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
18	52.1 **2.051**	23.6 **0.929**	35.3 **1.390**	3.2 **0.126**	M4	4.2 **0.165**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	38.3 **1.508**	31.18 **1.228**	27.0 **1.063**
20	52.1 **2.051**	23.6 **0.929**	38.3 **1.508**	3.2 **0.126**	M4	4.2 **0.165**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	41.7 **1.642**	34.58 **1.361**	29.4 **1.157**
22	52.1 **2.051**	23.6 **0.929**	41.3 **1.626**	3.2 **0.126**	M4	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	3.4 **0.134**	45.2 **1.780**	37.78 **1.487**	31.8 **1.252**
24	52.1 **2.051**	25.2 **0.992**	44.8 **1.764**	3.7 **0.146**	M4	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	48.7 **1.917**	41.28 **1.625**	34.9 **1.374**
28	52.1 **2.051**	25.2 **0.992**	51.1 **2.012**	3.7 **0.146**	M5	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	55.5 **2.185**	47.08 **1.854**	39.7 **1.563**
32	52.1 **2.051**	26.8 **1.055**	57.3 **2.256**	4.3 **0.169**	M5	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	62.4 **2.457**	53.78 **2.117**	44.5 **1.752**
36	52.1 **2.051**	26.8 **1.055**	63.8 **2.512**	4.3 **0.169**	M5	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	69.0 **2.717**	59.98 **2.361**	49.2 **1.937**
40	52.1 **2.051**	26.8 **1.055**	70.2 **2.764**	4.3 **0.169**	M5	4.2 **0.165**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	75.0 **2.953**	66.68 **2.630**	55.5 **2.185**

ABBMS

Square Flange Receptacle - Front Mounting (without accessory thread).

Styles: ABB00A/ABB00A...M6
ABCIR00A/ABCIR00A...M6, VG Style: A



Metric **Imperial**

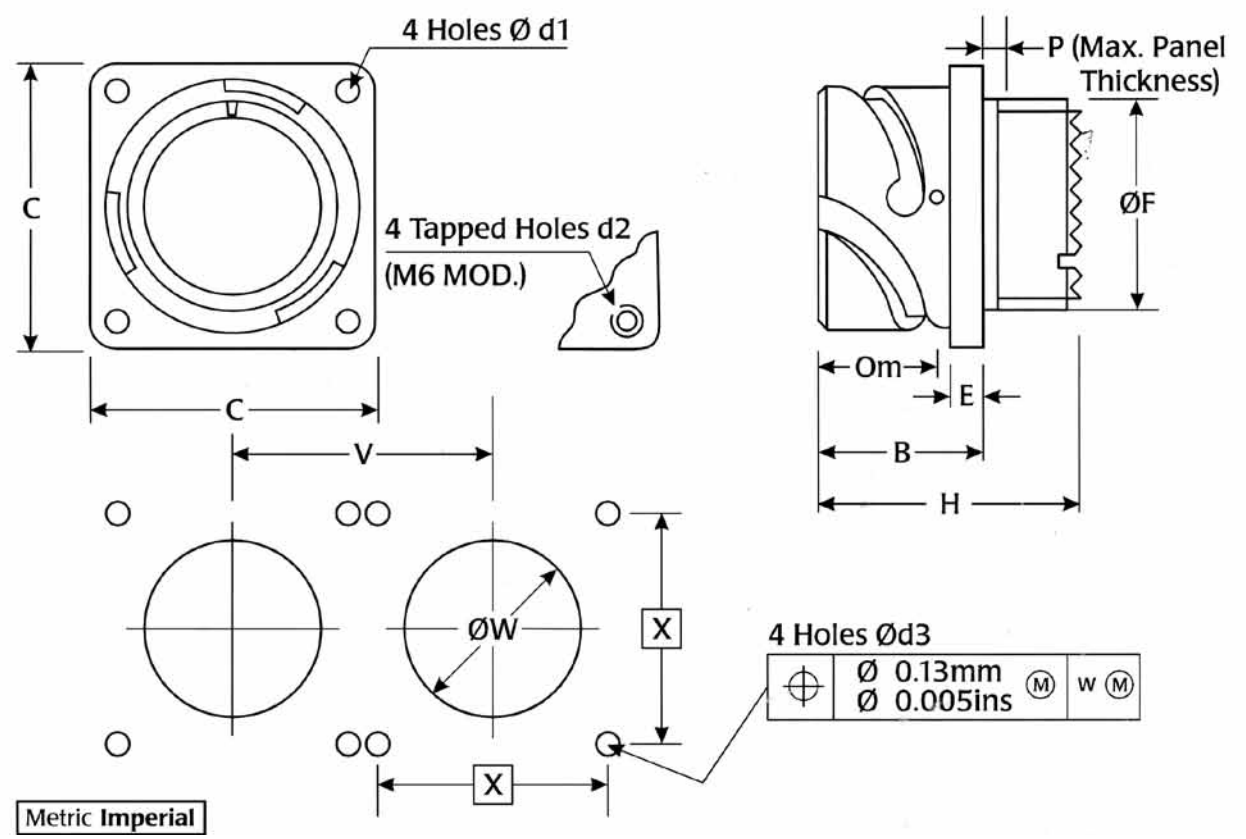
Shell size	B max	C max	Ød1 +0.2-0 +0.008-0	d2 Thread	E max	ØM max	H max	P	O_m min overlap mated	Ød3 H13	V	W	X
10 SL	17.6 **0.693**	25.7 **1.012**	3.2 **0.126**	M4	3.0 **0.118**	16.1 **0.634**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	26.6 **1.047**	17.0 **0.669**	18.2 **0.717**
14 S	18.0 **0.709**	30.3 **1.193**	3.2 **0.126**	M4	3.4 **0.134**	19.2 **0.756**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	31.6 **1.244**	20.0 **0.787**	23.0 **0.909**
16 S	18.0 **0.709**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	22.4 **0.882**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	34.4 **1.354**	23.0 **0.906**	24.6 **0.969**
16	22.8 **0.898**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	22.4 **0.882**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	34.4 **1.354**	23.0 **0.906**	24.6 **0.969**
18	23.6 **0.929**	35.3 **1.390**	3.2 **0.126**	M4	4.2 **0.165**	25.6 **1.008**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	38.3 **1.508**	26.0 **1.024**	27.0 **1.063**
20	23.6 **0.929**	38.3 **1.508**	3.2 **0.126**	M4	4.2 **0.165**	29.0 **1.142**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	41.7 **1.642**	30.0 **1.181**	29.4 **1.157**
22	23.6 **0.929**	41.3 **1.626**	3.2 **0.126**	M4	4.2 **0.165**	31.92 **1.257**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.4 **0.134**	45.2 **1.780**	33.0 **1.299**	31.8 **1.252**
24	25.2 **0.992**	44.8 **1.764**	3.7 **0.146**	M4	4.2 **0.165**	35.3 **1.390**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	48.7 **1.917**	36.0 **1.417**	34.9 **1.374**
28	25.2 **0.992**	51.1 **2.012**	3.7 **0.146**	M5	4.2 **0.165**	41.4 **1.630**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	55.5 **2.185**	42.0 **1.654**	39.7 **1.563**
32	26.8 **1.055**	57.3 **2.256**	4.3 **0.169**	M5	4.2 **0.165**	47.8 **1.882**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	62.4 **2.457**	48.50 **1.909**	44.5 **1.752**
36	26.8 **1.055**	63.8 **2.512**	4.3 **0.169**	M5	4.2 **0.165**	52.6 **2.071**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	69.0 **2.717**	55.0 **2.165**	49.2 **1.937**
40	26.8 **1.055**	70.2 **2.764**	4.3 **0.169**	M5	4.2 **0.165**	59.0 **2.323**	36.8 **1.449**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	75.0 **2.953**	59.1 **2.327**	55.5 **2.185**

ABBMS

Square Flange Receptacle - Front Mounting (with accessory thread).

Styles: ABB00T/ABB00T...M6, ABCIR00T/ABCIR00T...M6

BS Styles: C2503/C2504



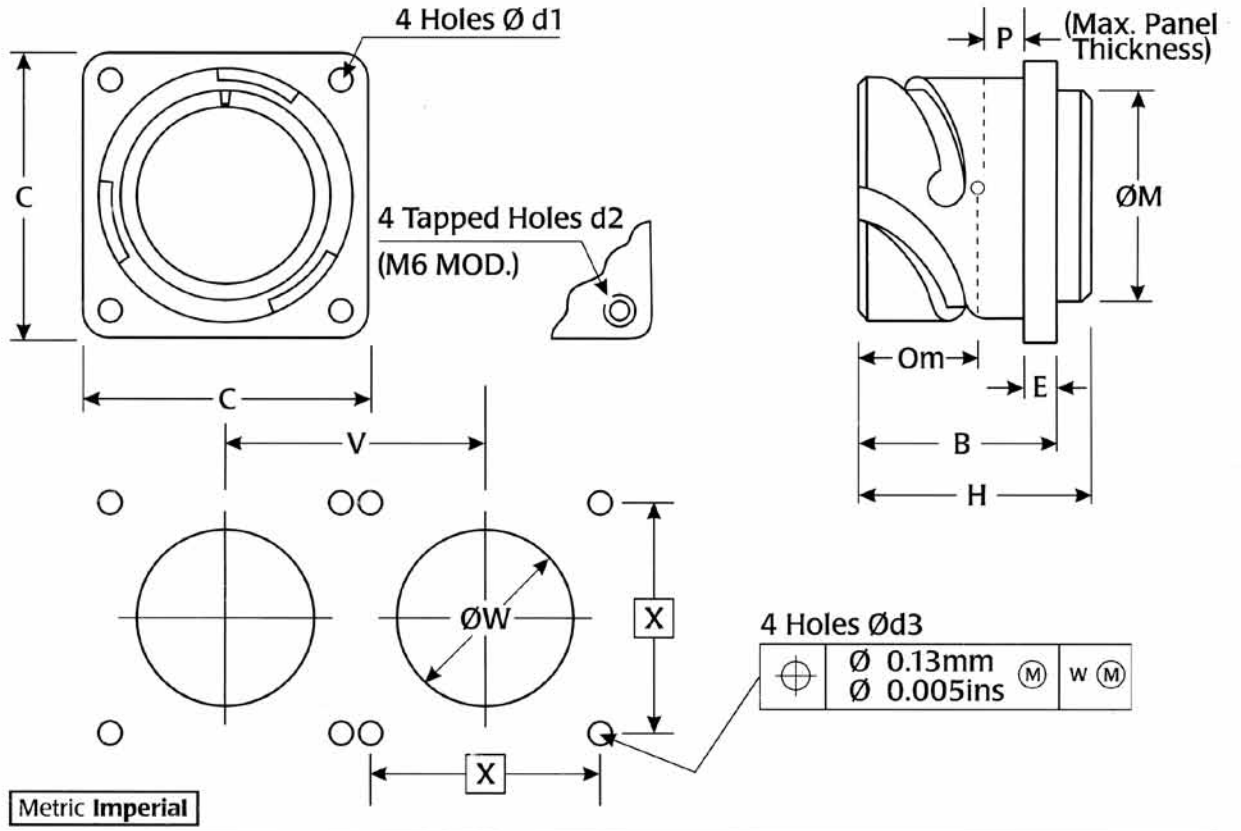
Metric **Imperial**

Shell size	B max	C max	Ød1 +0.2-0 +0.008-0	d2 Thread	E max	ØF Thread dia. Class2A	H max	P	Om min overlap mated	Ød3 H13	V	W	X
10 SL	17.6 **0.693**	25.7 **1.012**	3.2 **0.126**	M4	3.0 **0.118**	5/8" 24 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	26.6 **1.047**	16.13 **0.635**	18.2 **0.717**
14 S	18.0 **0.709**	30.3 **1.193**	3.2 **0.126**	M4	3.4 **0.134**	3/4" 20 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	31.6 **1.244**	19.3 **0.760**	23.0 **0.906**
16 S	18.0 **0.709**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	7/8" 20 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	34.4 **1.354**	22.48 **0.885**	24.6 **0.969**
16	22.8 **0.898**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	7/8" 20 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	34.4 **1.354**	22.48 **0.885**	24.6 **0.969**
18	23.6 **0.929**	35.3 **1.390**	3.2 **0.126**	M4	4.2 **0.165**	1" 20 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	38.3 **1.508**	25.65 **1.010**	27.0 **1.063**
20	23.6 **0.929**	38.3 **1.508**	3.2 **0.126**	M4	4.2 **0.165**	1 1/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	41.7 **1.642**	28.83 **1.135**	29.4 **1.157**
22	23.6 **0.929**	41.3 **1.626**	3.2 **0.126**	M4	4.2 **0.165**	1 1/4" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.4 **0.134**	45.2 **1.780**	32.0 **1.260**	31.8 **1.252**
24	25.2 **0.992**	44.8 **1.764**	3.7 **0.146**	M4	4.2 **0.165**	1 3/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	48.7 **1.917**	35.18 **1.385**	34.9 **1.374**
28	25.2 **0.992**	51.1 **2.012**	3.7 **0.146**	M5	4.2 **0.165**	1 5/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	55.5 **2.185**	41.53 **1.635**	39.7 **1.563**
32	26.8 **1.055**	57.3 **2.256**	4.3 **0.169**	M5	4.2 **0.165**	1 7/8" 16 UN	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	62.4 **2.457**	47.88 **1.885**	44.5 **1.752**
36	26.8 **1.055**	63.8 **2.512**	4.3 **0.169**	M5	4.2 **0.165**	2 1/16" 16 UNS	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	69.0 **2.717**	52.65 **2.073**	49.2 **1.937**
40	26.8 **1.055**	70.2 **2.764**	4.3 **0.169**	M5	4.2 **0.165**	2 5/16" 16 UN	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	75.0 **2.953**	59.1 **2.327**	55.5 **2.185**

ABBMS

Square Flange Receptacle - Rear Mounting (without accessory thread).

Styles: ABB03A/ABB03A...M6 BS Styles: C2758/C2759
ABCIR03A/ABCIR03A...M6 VG Style: B2/B1



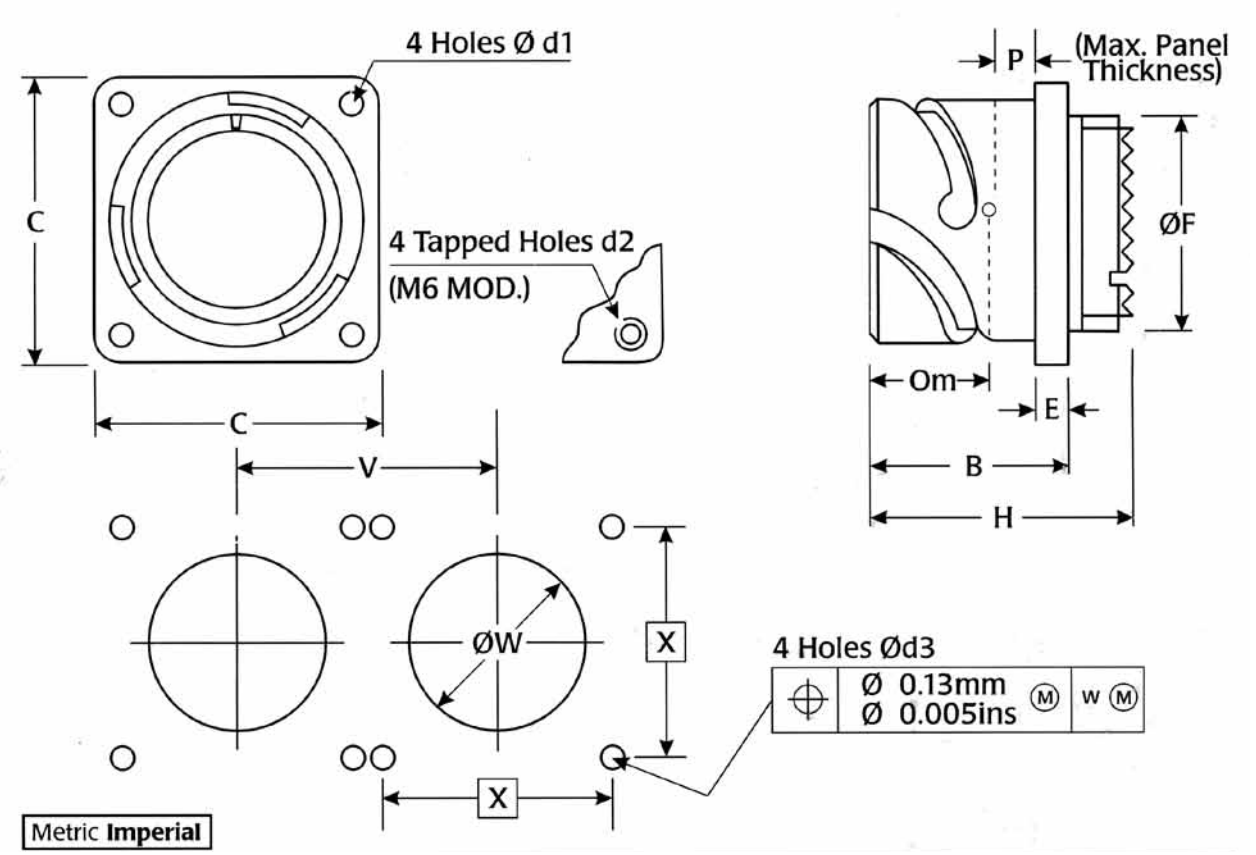
Metric **Imperial**

Shell size	B max	C max	Ød1 +0.2-0 +0.008-0	d2 Thread	E max	ØM max	H max	P	Omin overlap mated	Ød3 H13	V	W	X
10 SL	18.6 **0.732**	25.7 **1.012**	3.2 **0.126**	M4	3.0 **0.118**	16.2 **0.638**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	26.6 **1.047**	18.58 **0.732**	18.2 **0.717**
14 S	18.6 **0.732**	30.3 **1.193**	3.2 **0.126**	M4	3.4 **0.134**	19.2 **0.756**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	31.6 **1.244**	24.98 **0.984**	23.0 **0.906**
16 S	18.6 **0.732**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	22.4 **0.882**	24.7 **0.972**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
16	21.9 **0.862**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	22.4 **0.882**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
18	23.45 **0.923**	35.3 **1.390**	3.2 **0.126**	M4	4.2 **0.165**	25.6 **1.008**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	38.3 **1.508**	31.18 **1.228**	27.0 **1.063**
20	23.45 **0.923**	38.3 **1.508**	3.2 **0.126**	M4	4.2 **0.165**	29.0 **1.142**	33.8 **1.331**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	41.7 **1.642**	34.58 **1.361**	29.4 **1.157**
22	23.45 **0.923**	41.3 **1.626**	3.2 **0.126**	M4	4.2 **0.165**	32.2 **1.268**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.4 **0.134**	45.2 **1.780**	37.78 **1.487**	31.8 **1.252**
24	23.45 **0.923**	44.8 **1.764**	3.7 **0.134**	M4	4.2 **0.165**	35.3 **1.390**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	48.7 **1.917**	41.28 **1.625**	34.9 **1.374**
28	24.45 **0.963**	51.1 **2.012**	3.7 **0.134**	M5	4.2 **0.165**	41.4 **1.630**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	55.5 **2.185**	47.08 **1.854**	39.7 **1.563**
32	24.45 **0.963**	57.3 **2.256**	4.3 **0.169**	M5	4.2 **0.165**	47.8 **1.882**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	62.4 **2.457**	53.78 **2.117**	44.5 **1.752**
36	24.45 **0.963**	63.8 **2.512**	4.3 **0.169**	M5	4.2 **0.165**	52.6 **2.071**	33.8 **1.331**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	69.0 **2.717**	59.98 **2.361**	49.2 **1.937**
40	24.45 **0.963**	70.2 **2.764**	4.3 **0.169**	M5	4.2 **0.165**	59.0 **2.323**	36.9 **1.453**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	75.0 **2.953**	66.4 **2.614**	55.5 **2.186**

ABBMS

Square Flange Receptacle - Rear Mounting (with accessory thread).

Styles: ABB03T/ABB03T...M6
ABCIR03T/ABCIR03T...M6



Metric **Imperial**

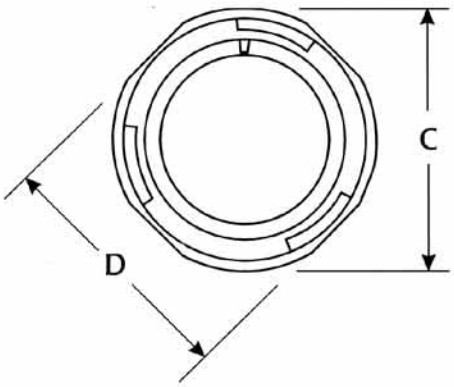
Shell size	B max	C max	Ød1 +0.2-0 +0.008-0	d2 Thread	E max	ØF Thread dia. Class 2A	H max	P	O_m min overlap mated	Ød3 H13	V	W	X
10 SL	18.6 **0.732**	25.7 **1.012**	3.2 **0.126**	M4	3.0 **0.118**	5/8" 24 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	26.6 **1.147**	18.58 **0.732**	18.2 **0.717**
14 S	18.6 **0.732**	30.3 **1.193**	3.2 **0.126**	M4	3.4 **0.134**	3/4" 20 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	31.6 **1.244**	24.98 **0.984**	23.0 **0.906**
16 S	18.6 **0.732**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	7/8" 20 UNEF	29.5 **1.161**	3.3 **0.130**	11.1 **0.437**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
16	21.9 **0.862**	32.8 **1.291**	3.2 **0.126**	M4	3.4 **0.134**	7/8" 20 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	34.4 **1.354**	27.78 **1.094**	24.6 **0.969**
18	23.45 **0.923**	35.3 **1.390**	3.2 **0.126**	M4	4.2 **0.165**	1" 20 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	38.3 **1.508**	31.18 **1.228**	27.0 **1.063**
20	23.45 **0.923**	38.3 **1.508**	3.2 **0.126**	M4	4.2 **0.165**	1 1/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.85 **0.624**	3.4 **0.134**	41.7 **1.642**	34.58 **1.361**	29.4 **1.157**
22	23.45 **0.923**	41.3 **1.626**	3.2 **0.126**	M4	4.2 **0.165**	1 1/4" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.4 **0.134**	45.2 **1.780**	37.78 **1.487**	31.8 **1.252**
24	23.45 **0.923**	44.8 **1.764**	3.7 **0.146**	M4	4.2 **0.165**	1 3/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	48.7 **1.917**	41.28 **1.625**	34.9 **1.374**
28	24.45 **0.963**	51.1 **2.012**	3.7 **0.146**	M5	4.2 **0.165**	1 5/8" 18 UNEF	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	3.9 **0.154**	55.5 **2.185**	47.08 **1.854**	39.7 **1.563**
32	24.45 **0.963**	57.3 **2.256**	4.3 **0.169**	M5	4.2 **0.165**	1 7/8" 16 UN	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	62.4 **2.457**	53.78 **2.117**	44.5 **1.752**
36	24.45 **0.963**	63.8 **2.512**	4.3 **0.169**	M5	4.2 **0.165**	2 1/16" 16 UNS	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	69.0 **2.717**	59.98 **2.361**	49.2 **1.937**
40	24.45 **0.963**	70.2 **2.764**	4.3 **0.169**	M5	4.2 **0.165**	2 5/16" 16 UN	42.0 **1.654**	3.3 **0.130**	15.75 **0.620**	4.5 **0.177**	75.0 **2.953**	66.4 **2.614**	55.5 **2.185**

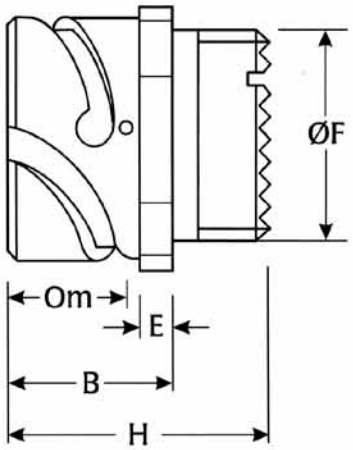
ABBMS

Cable Mounted Receptacle -

Style: ABB01T
ABCIR01T

BS Style: C2509





Metric **Imperial**

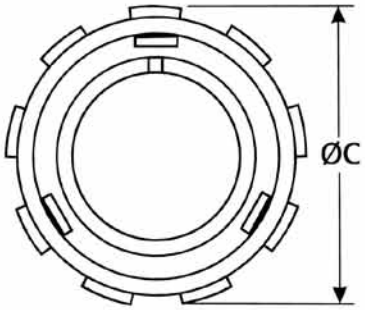
Shell size	B max	C max	D max	E max	ØF Thread dia. Class2A	H max	O_m min overlap mated
10 SL	17.6 **0.693**	25.2 **0.992**	20.8 **0.819**	3.0 **0.118**	5/8" x 24 UNEF	29.5 **1.161**	11.1 **0.437**
14 S	18.0 **0.709**	29.8 **1.173**	25.6 **1.008**	3.4 **0.134**	3/4" x 20 UNEF	29.5 **1.161**	11.1 **0.437**
16 S	18.0 **0.709**	32.3 **1.272**	28.8 **1.134**	3.4 **0.134**	7/8" x 20 UNEF	29.5 **1.161**	11.1 **0.437**
16	22.8 **0.898**	32.3 **1.272**	28.8 **1.134**	3.4 **0.134**	7/8" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
18	23.6 **0.929**	34.8 **1.370**	31.9 **1.256**	4.2 **0.165**	1" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
20	23.6 **0.929**	37.8 **1.488**	35.1 **1.382**	4.2 **0.165**	1 1/8" x 18 UNEF	42.0 **1.654**	15.85 **0.624**
22	23.6 **0.929**	41.1 **1.618**	38.3 **1.508**	4.2 **0.165**	1 1/4" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
24	25.2 **0.992**	44.6 **1.756**	41.5 **1.634**	4.2 **0.165**	1 3/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
28	25.2 **0.992**	50.9 **2.004**	47.8 **1.882**	4.2 **0.165**	1 5/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
32	26.8 **1.055**	57.1 **2.248**	54.2 **2.134**	4.2 **0.165**	1 7/8" x 16 UN	42.0 **1.654**	15.75 **0.620**
36	26.8 **1.055**	63.8 **2.512**	60.8 **2.394**	4.2 **0.165**	2 1/16" x 16 UNS	42.0 **1.654**	15.75 **0.620**
40	26.8 **1.055**	70.0 **2.756**	66.7 **2.626**	4.2 **0.165**	2 5/16" x 16 UN	42.0 **1.654**	15.75 **0.620**

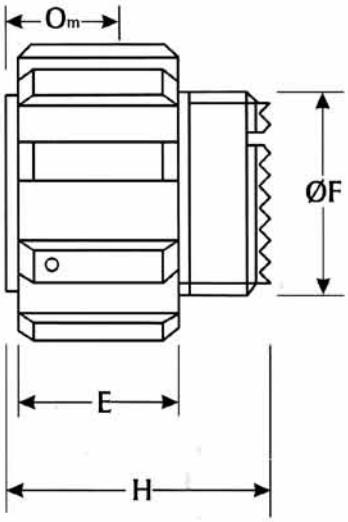
ABBMS

Arctic Grip Coupling Nut -

Styles: ABB06T/ABBNS06T

BS Styles: C2502/C2501





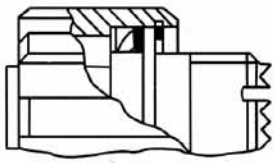


ABB06T Standard Product with RFI Grounding System.

Metric **Imperial**

Shell size	ØC max	E max	ØF Thread form Class 2A	H max	Om min overlap mated
10 SL	24.2 **0.953**	17.5 **0.689**	5/8" x 24 UNEF	29.95 **1.179**	11.1 **0.437**
14 S	30.6 **1.205**	17.5 **0.689**	3/4" x 20 UNEF	29.95 **1.179**	11.1 **0.437**
16 S	33.4 **1.315**	17.5 **0.689**	7/8" x 20 UNEF	29.95 **1.179**	11.1 **0.437**
16	33.4 **1.315**	24.0 **0.945**	7/8" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
18	37.3 **1.469**	24.0 **0.945**	1" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
20	40.7 **1.602**	24.0 **0.945**	1 1/8" x 18 UNEF	42.0 **1.654**	15.85 **0.624**
22	44.2 **1.740**	24.0 **0.945**	1 1/4" x 18 UNEF	42.0 **1.654**	15.85 **0.624**
24	47.7 **1.878**	24.0 **0.945**	1 3/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
28	54.5 **2.146**	24.0 **0.945**	1 5/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
32	61.4 **2.417**	27.0 **1.063**	1 7/8" x 16 UN	42.0 **1.654**	15.75 **0.620**
* **36**	68.0 **2.677**	27.0 **1.063**	2 1/16" x 16 UNS	42.0 **1.654**	15.75 **0.620**

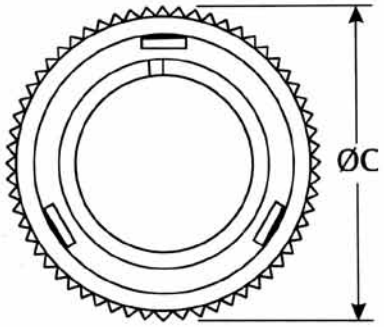
* Consult factory for connector shell to accommodate 2" x 18 UNS mating thread - see pages 32 & 36.

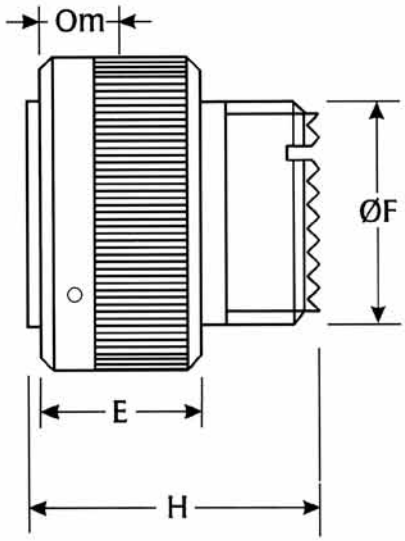
ABBMS

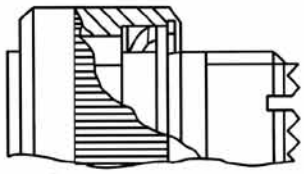
Fine Knurl Coupling Nut -

Styles: ABBE06T/ABBSES06T
ABCIR06T/ABBCIRSE06T

BS Styles: C2528/C2529







ABCIRSE06T
ABBSE06T with
RFI Grounding
System.

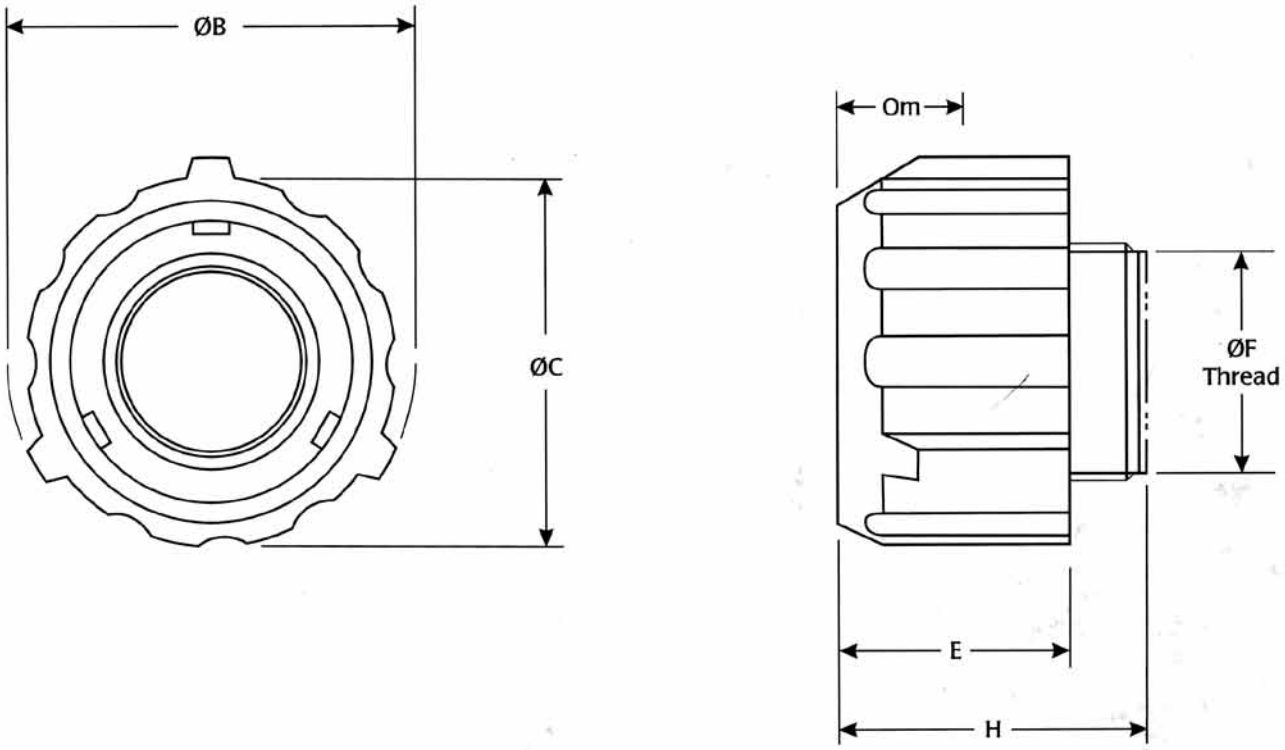
Metric **Imperial**

Shell size	ABBE06T ABBSE06T ABCIR06T ØC max	ABCIRSE06T	E max	ØF Thread form Class2A	H max	O_m min overlap mated
10 SL	22.8 **0.898**	24.2 **0.953**	17.5 **0.689**	5/8" x 24 UNEF	29.95 **1.179**	11.1 **0.437**
14 S	29.2 **1.150**	30.6 **1.205**	17.5 **0.689**	3/4" x 20 UNEF	29.95 **1.179**	11.1 **0.437**
16 S	32.4 **1.276**	33.4 **1.315**	17.5 **0.689**	7/8" x 20 UNEF	29.95 **1.179**	11.1 **0.437**
16	32.4 **1.276**	33.4 **1.315**	24.0 **0.945**	7/8" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
18	36.5 **1.437**	37.3 **1.468**	24.0 **0.945**	1" x 20 UNEF	42.0 **1.654**	15.85 **0.624**
20	39.9 **1.571**	40.7 **1.602**	24.0 **0.945**	1 1/8" x 18 UNEF	42.0 **1.654**	15.85 **0.624**
22	43.1 **1.697**	44.2 **1.740**	24.0 **0.945**	1 1/4" x 18 UNEF	42.0 **1.654**	15.85 **0.624**
24	46.6 **1.835**	47.7 **1.878**	24.0 **0.945**	1 3/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
28	53.4 **2.102**	54.5 **2.146**	24.0 **0.945**	1 5/8" x 18 UNEF	42.0 **1.654**	15.75 **0.620**
32	60.1 **2.366**	61.4 **2.417**	27.0 **1.063**	1 7/8" x 16 UN	42.0 **1.654**	15.75 **0.620**
* 36	66.3 **2.610**	68.0 **2.677**	27.0 **1.063**	2 1/16" x 16 UNS	42.0 **1.654**	15.75 **0.620**
40	72.1 **2.838**	74.0 **2.913**	27.0 **1.063**	2 5/16" x 16 UN	42.0 **1.654**	15.75 **0.620**

* Consult factory for connector shell to accommodate 2" x 18 UNS mating thread - see pages 32 & 36.

ABBMS

Plug Rubberised Coupling Nut -
Styles: ABBCIRP06RT



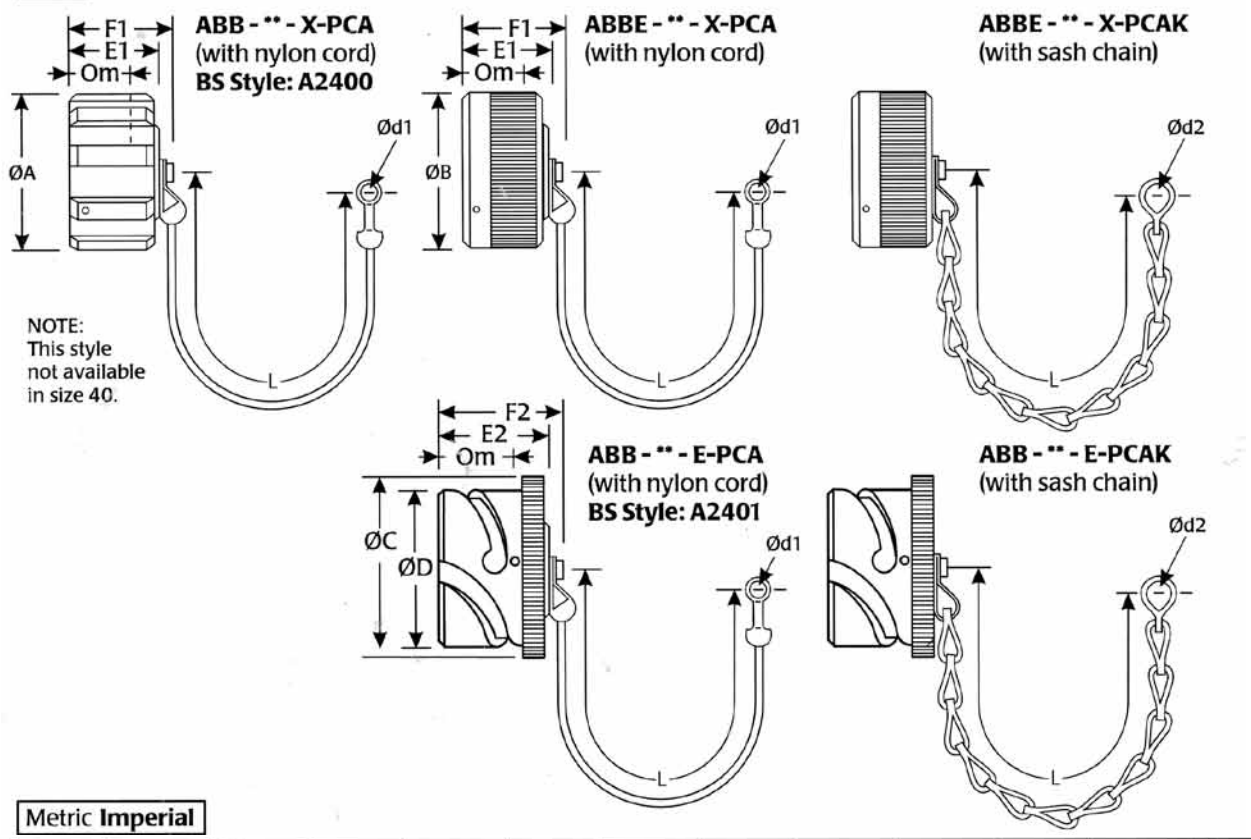
Metric **Imperial**

Shell size	B	C	E max	ØF Thread dia. Class 2A	H max	O_m min overlap mated
* 10 SL	33.5 **1.319**	28.5 **1.122**	19.4 **0.764**	5/8" x 24 UNEF	29.55 **1.163**	13.1 **0.516**
* 14 S	40.2 **1.583**	35.2 **1.386**	19.4 **0.764**	3/4" x 20 UNEF	29.55 **1.163**	13.1 **0.516**
* 16 S	43.88 **1.726**	38.9 **1.531**	19.4 **0.764**	7/8" x 20 UNEF	29.55 **1.163**	13.1 **0.516**
* 16	43.88 **1.726**	38.9 **1.531**	27.1 **1.067**	7/8" x 20 UNEF	37.07 **1.459**	17.85 **0.703**
* 18	49.0 **1.929**	43.5 **1.713**	27.1 **1.067**	1" x 20 UNEF	37.07 **1.459**	17.85 **0.703**
20	51.5 **2.026**	46.0 **1.811**	27.1 **1.067**	1 1/8" x 18 UNEF	37.07 **1.459**	17.85 **0.703**
22	56.0 **2.205**	50.5 **1.988**	27.1 **1.067**	1 1/4" x 18 UNEF	37.07 **1.459**	17.85 **0.703**
* 24	60.0 **2.362**	54.0 **2.126**	27.1 **1.067**	1 3/8" x 18 UNEF	37.07 **1.459**	17.75 **0.699**
* 28	67.0 **2.638**	61.0 **2.402**	27.1 **1.067**	1 5/8" x 18 UNEF	37.07 **1.459**	17.75 **0.699**
* 32	76.0 **2.992**	67.6 **2.661**	27.1 **1.067**	1 7/8" x 16 UN	37.07 **1.459**	17.75 **0.699**
* 36	82.3 **3.240**	74.3 **2.925**	27.1 **1.067**	2 1/16" x 16 UNS	37.07 **1.459**	17.75 **0.699**
40	88.0 **3.465**	80.0 **3.150**	27.1 **1.067**	2 5/16" x 16 UN	37.07 **1.459**	17.75 **0.699**

* Consult factory for availability.

ABBMS

Protective Caps -
Styles: ABB- -XPCA/ABBE- -XPCA/K/ABB- -EPCA/K
BS Styles: A2400/2401



Metric **Imperial**

Shell * size	ØA max	ØB max	ØC max	ØD max	E1 max	E2 max	F1 max	F2 max	L appox see note	Ød1 min	Ød1 +0.5-0 +0.02-0	Om min overlap mated
10 SL	24.2 **0.953**	22.8 **0.898**	26.1 **1.028**	18.2 **0.717**	17.5 **0.689**	21.6 **0.850**	24.6 **0.969**	28.4 **1.118**	100.0 **4.000**	4.85 **0.191**	4.3 **0.169**	11.1 **0.437**
14 S	30.6 **1.205**	29.2 **1.150**	32.5 **1.280**	24.6 **0.969**	17.5 **0.689**	21.6 **0.850**	24.6 **0.969**	28.4 **1.118**	100.0 **4.000**	4.85 **0.191**	4.3 **0.169**	11.1 **0.437**
16 S	33.4 **1.315**	32.4 **1.276**	35.3 **1.390**	27.4 **1.079**	17.5 **0.689**	21.6 **0.850**	24.6 **0.969**	28.4 **1.118**	100.0 **4.000**	4.85 **0.191**	4.3 **0.169**	11.1 **0.437**
16	33.4 **1.315**	32.4 **1.276**	35.3 **1.390**	27.4 **1.079**	24.0 **0.945**	27.3 **1.075**	24.6 **0.969**	28.4 **1.118**	100.0 **4.000**	4.85 **0.191**	4.3 **0.169**	15.85 **0.624**
18	37.3 **1.469**	36.5 **1.437**	38.7 **1.524**	30.8 **1.213**	24.0 **0.945**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	4.3 **0.169**	15.85 **0.624**
20	40.7 **1.602**	39.9 **1.571**	42.1 **1.658**	34.2 **1.346**	24.0 **0.945**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	4.3 **0.169**	15.85 **0.624**
22	44.2 **1.740**	43.1 **1.697**	45.3 **1.784**	37.4 **1.472**	24.0 **0.945**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	4.3 **0.169**	15.75 **0.620**
24	47.7 **1.878**	46.6 **1.835**	48.8 **1.921**	40.9 **1.610**	24.0 **0.945**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	4.3 **0.169**	15.75 **0.620**
28	54.5 **2.146**	53.4 **2.102**	54.6 **2.150**	46.7 **1.838**	24.0 **0.945**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	4.3 **0.169**	15.75 **0.620**
32	61.4 **2.417**	60.1 **2.366**	61.3 **2.413**	53.4 **2.102**	27.0 **1.063**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	5.5 **0.217**	15.75 **0.620**
36	68.0 **2.677**	66.3 **2.610**	67.5 **2.658**	59.6 **2.346**	27.0 **1.063**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	5.5 **0.217**	15.75 **0.620**
* 40	N/A	72.1 **2.838**	73.4 **2.890**	65.5 **2.579**	27.0 **1.063**	27.3 **1.075**	29.8 **1.173**	33.9 **1.335**	150.0 **6.000**	4.85 **0.191**	5.5 **0.217**	15.75 **0.620**

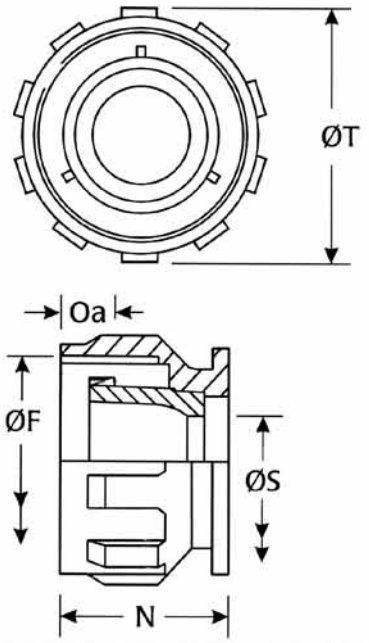
* Consult factory before ordering. Note: For alternative length, consult factory.

ABBMS

Grommet Nut - Accessory Type 'EV'

Style: ABB- -**-**-EV

BS Style: A2344



Metric **Imperial**

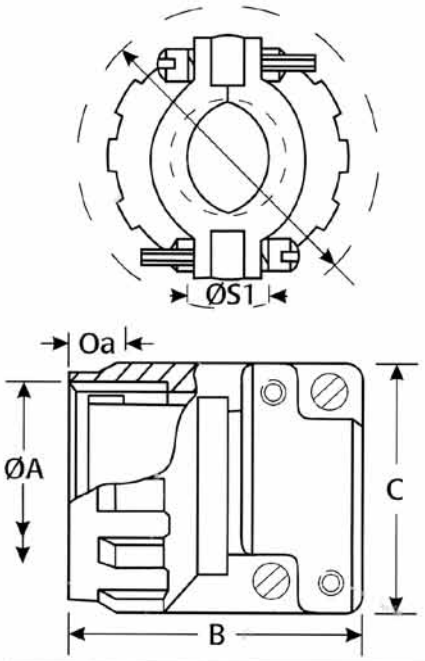
How to order: **ABB - ** - ** - EV**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - EV**
(includes grommet & follower)

Shell size	ØT max	ØF Thread Class2B	N max	ØS min	Oa min overlap access'y
10 SL	21.6 **0.850**	5/8" x 24 UNEF	20.83 **0.820**	8.6 **0.339**	6.1 **0.240**
14 S	24.8 **0.976**	3/4" x 20 UNEF	20.83 **0.820**	11.1 **0.437**	6.1 **0.240**
16 S	28.7 **1.130**	7/8" x 20 UNEF	20.83 **0.820**	14.3 **0.563**	6.1 **0.240**
16	28.7 **1.130**	7/8" x 20 UNEF	25.53 **1.005**	14.3 **0.563**	7.6 **0.300**
18	31.9 **1.256**	1" x 20 UNEF	25.53 **1.005**	16.7 **0.657**	7.6 **0.300**
20	34.9 **1.374**	1 1/8" x 18 UNEF	25.53 **1.005**	19.8 **0.780**	7.6 **0.300**
22	38.2 **1.504**	1 1/4" x 18 UNEF	25.53 **1.005**	21.34 **0.840**	7.6 **0.300**
24	41.4 **1.630**	1 3/8" x 18 UNEF	25.53 **1.005**	25.4 **1.000**	7.6 **0.300**
28	47.8 **1.882**	1 5/8" x 18 UNEF	25.53 **1.005**	30.13 **1.186**	7.6 **0.300**
32	54.1 **2.130**	1 7/8" x 16 UN	25.53 **1.005**	36.73 **1.446**	7.6 **0.300**
36	58.7 **2.311**	2 1/16" x 16 UNS	25.53 **1.005**	41.0 **1.614**	7.6 **0.300**
40	63.0 **2.480**	2 5/16" x 16 UN	25.64 **1.009**	45.9 **1.807**	7.6 **0.300**

ABBMS

Cable Clamp Assembly - Accessory Type E/C (5MS locking)

Style: SB-**-**-CCA. BS Style: A2345



How to order: **SB - ** - ** - CCA**
Shell size
Contact arrangement
Typical Example: **SB - 10SL - 3 - CCA**
(includes grommet & follower)

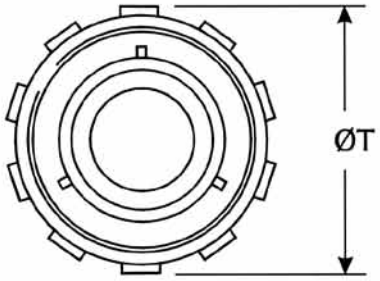
Shell size	ØA Thread Class 2B	B max	C max	ØS1 min	ØS1 max	ØT max	Oa min overlap access'y
10 SL	5/8" x 24 UNEF	33.02 **1.300**	21.47 **0.845**	5.08 **0.200**	7.92 **0.312**	24.61 **0.969**	6.1 **0.240**
14 S	3/4" x 20 UNEF	33.02 **1.300**	24.64 **0.970**	7.92 **0.312**	11.10 **0.437**	29.36 **1.156**	6.1 **0.240**
16 S	7/8" x 20 UNEF	33.02 **1.300**	28.71 **1.130**	9.14 **0.360**	14.27 **0.562**	31.75 **1.250**	6.1 **0.240**
16	7/8" x 20 UNEF	45.72 **1.800**	28.71 **1.130**	9.14 **0.360**	14.27 **0.562**	31.75 **1.250**	7.6 **0.300**
18	1" x 20 UNEF	45.72 **1.800**	31.88 **1.255**	10.72 **0.422**	15.87 **0.625**	34.14 **1.344**	7.6 **0.300**
20	1 1/8" x 18 UNEF	45.72 **1.800**	35.06 **1.380**	13.48 **0.531**	20.62 **0.812**	37.13 **1.462**	7.6 **0.300**
22	1 1/4" x 18 UNEF	45.72 **1.800**	38.23 **1.505**	13.48 **0.531**	20.62 **0.812**	40.49 **1.549**	7.6 **0.300**
24	1 3/8" x 18 UNEF	45.72 **1.800**	41.41 **1.630**	15.08 **0.594**	23.80 **0.937**	43.66 **1.719**	7.6 **0.300**
28	1 5/8" x 18 UNEF	45.72 **1.800**	47.76 **1.880**	15.08 **0.594**	23.80 **0.937**	50.01 **1.969**	7.6 **0.300**
32	1 7/8" x 16 UN	45.72 **1.800**	54.11 **2.130**	20.06 **0.790**	31.75 **1.250**	56.36 **2.219**	7.6 **0.300**
36	2 1/16" x 16 UNS	45.72 **1.800**	58.75 **2.313**	20.06 **0.790**	34.92 **1.375**	62.71 **2.469**	7.6 **0.300**

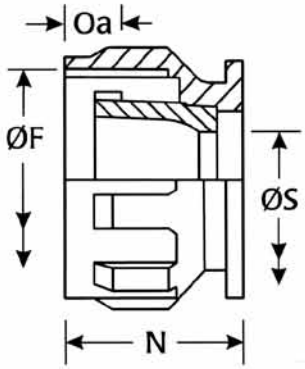
ABBMS

Grommet Nut - Accessory Type 'E'

Styles: ABB-**-**-E

BS Style: A2344





Metric **Imperial**

How to order: **ABB - ** - ** - E**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - E**
(includes grommet & follower)

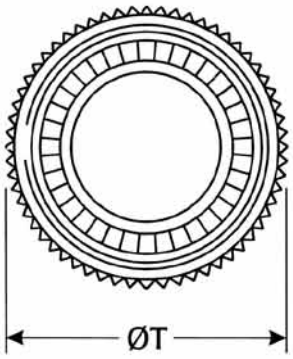
Shell size	ØT max	ØF Thread Class2B	N max	ØS min	Oa min overlap accessory
10 SL	21.6 **0.850**	5/8" x 24 UNEF	20.83 **0.820**	7.62 **0.300**	6.1 **0.240**
14 S	24.8 **0.976**	3/4" x 20 UNEF	20.83 **0.820**	10.21 **0.402**	6.1 **0.240**
16 S	28.7 **1.130**	7/8" x 20 UNEF	20.83 **0.820**	12.85 **0.506**	6.1 **0.240**
16	28.7 **1.130**	7/8" x 20 UNEF	25.53 **1.005**	12.85 **0.506**	7.6 **0.300**
18	31.9 **1.256**	1" x 20 UNEF	25.53 **1.005**	14.99 **0.590**	7.6 **0.300**
20	34.9 **1.374**	1 1/8" x 18 UNEF	25.53 **1.005**	17.93 **0.706**	7.6 **0.300**
22	38.2 **1.504**	1 1/4" x 18 UNEF	25.53 **1.005**	21.46 **0.845**	7.6 **0.300**
24	41.4 **1.630**	1 3/8" x 18 UNEF	25.53 **1.005**	24.77 **0.975**	7.6 **0.300**
28	47.8 **1.882**	1 5/8" x 18 UNEF	25.53 **1.005**	30.23 **1.190**	7.6 **0.300**
32	54.1 **2.130**	1 7/8" x 16 UN	25.53 **1.005**	36.32 **1.430**	7.6 **0.300**
36	58.7 **2.311**	2 1/16" x 16 UNS	25.53 **1.005**	40.51 **1.595**	7.6 **0.300**

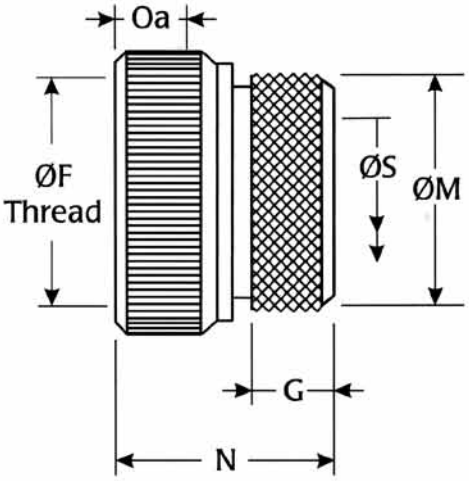
ABBMS

Heatshrink Adaptor - Accessory Type G

Style: ABB-**-**-HSA

BS Style: A2525





Metric **Imperial**

How to order: **ABB - ** - ** - HSA**

Shell size

Contact arrangement

Typical Example: **ABB - 10SL - 3 - HSA**

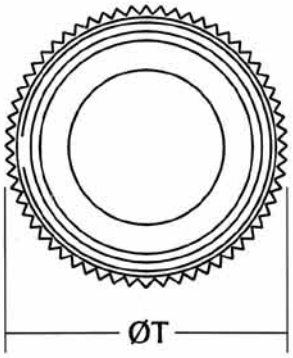
(includes grommet)

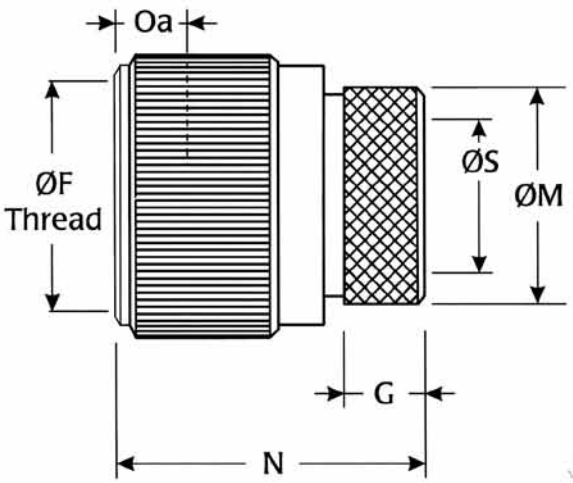
Shell size	ØF Thread dia. Class2B	ØM max	N max	G max	ØS min	ØT max	O_a min overlap accessories
10 SL	5/8" x 24 UNEF	15.7 **0.618**	27.6 **1.087**	8.2 **0.323**	7.7 **0.303**	22.0 **0.87**	7.0 **0.276**
14 S	3/4" x 20 UNEF	19.3 **0.760**	27.6 **1.087**	8.2 **0.323**	10.6 **0.417**	25.0 **0.99**	7.0 **0.276**
16 S	7/8" x 20 UNEF	24.1 **0.949**	27.6 **1.087**	8.2 **0.323**	13.5 **0.532**	28.0 **1.11**	7.0 **0.276**
16	7/8" x 20 UNEF	24.1 **0.949**	27.6 **1.087**	8.0 **0.315**	13.5 **0.532**	28.0 **1.11**	7.0 **0.276**
18	1" x 20 UNEF	24.1 **0.949**	29.6 **1.165**	8.0 **0.315**	14.6 **0.575**	31.0 **1.22**	7.0 **0.276**
20	1 1/8" x 18 UNEF	29.8 **1.173**	30.6 **1.205**	9.2 **0.362**	18.7 **0.736**	35.0 **1.38**	7.0 **0.276**
22	1 1/4" x 18 UNEF	29.8 **1.173**	33.4 **1.315**	9.2 **0.362**	20.8 **0.819**	38.0 **1.50**	7.0 **0.276**
24	1 3/8" x 18 UNEF	38.0 **1.496**	30.6 **1.205**	9.2 **0.362**	24.6 **0.969**	41.0 **1.62**	7.0 **0.276**
28	1 5/8" x 18 UNEF	38.0 **1.496**	33.4 **1.315**	9.2 **0.362**	27.0 **1.063**	48.0 **1.89**	7.0 **0.276**
32	1 7/8" x 16 UN	48.0 **1.890**	32.1 **1.264**	11.7 **0.461**	33.3 **1.311**	54.0 **2.13**	7.0 **0.276**
36	2 1/16" x 16 UNS	48.0 **1890**	37.4 **1.472**	11.7 **0.461**	38.5 **1.516**	61.0 **2.40**	7.0 **0.276**
40	2 5/16" x 16 UN	57.95 **2.281**	38.64 **1.521**	12.1 **0.476**	48.1 **1.894**	67.0 **2.638**	7.0 **0.276**

ABBMS

Solid Heatshrink Adaptor - Accessory Type GS

Style: ABB-**-**-HSAS





Metric **Imperial**

How to order: **ABB - ** - ** - HSAS**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - HSAS**
(includes grommet)

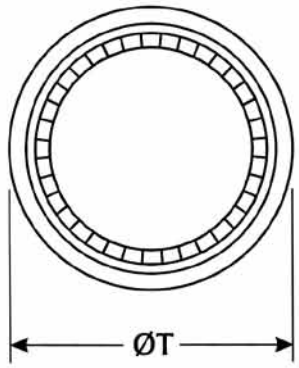
Shell size	ØF Thread dia. Class2B	ØM max	G max	N max	ØS min	ØT max	O_a min overlap accessory
* 10 SL	-	-	-	-	-	-	-
* 14 S	-	-	-	-	-	-	-
* 16 S	-	-	-	-	-	-	-
* 16	-	-	-	-	-	-	-
18	1" x 20 UNEF	24.1 **0.949**	11.9 **0.469**	45.3 **1.783**	14.7 **0.579**	28.6 **1.126**	7.34 **0.289**
20	1 1/8" x 18 UNEF	29.8 **1.173**	11.9 **0.469**	51.1 **2.012**	18.7 **0.736**	31.85 **1.254**	7.34 **0.289**
22	1 1/4" x 18 UNEF	29.8 **1.173**	11.9 **0.469**	51.1 **2.012**	20.9 **0.823**	35.03 **1.379**	7.14 **0.281**
24	1 3/8" x 18 UNEF	38.0 **1.496**	11.9 **0.469**	51.1 **2.012**	24.7 **0.972**	39.1 **1.539**	7.14 **0.281**
28	1 5/8" x 18 UNEF	38.0 **1.496**	11.9 **0.469**	51.1 **2.012**	27.1 **1.067**	45.6 **1.795**	6.34 **0.250**
32	1 7/8" x 16 UN	48.0 **1.890**	11.9 **0.469**	51.1 **2.012**	33.4 **1.315**	50.8 **2.000**	7.4 **0.291**
36	2 1/16" x 16 UNS	48.0 **1.890**	11.9 **0.469**	51.1 **2.012**	38.6 **1.520**	57.45 **2.262**	7.4 **0.291**
40	2 5/16" x 16 UN	57.95 **2.281**	11.9 **0.469**	51.1 **2.012**	48.1 **1.894**	63.1 **2.484**	7.4 **0.291**

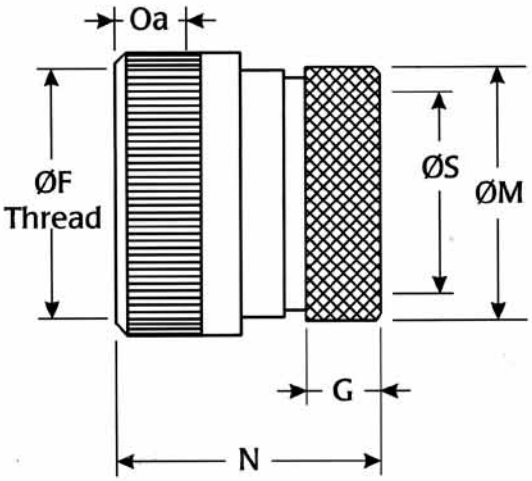
* Please consult factory for availability.

ABBMS

RFI Shielded Adaptor - Accessory Type GM

Style: ABB-**-**-LHSA





Metric **Imperial**

How to order: **ABB - ** - ** - LHSA**
Shell size
Contact arrangement
Typical Example: **ABB - 18 - 12 - LHSA**
(includes grommet)

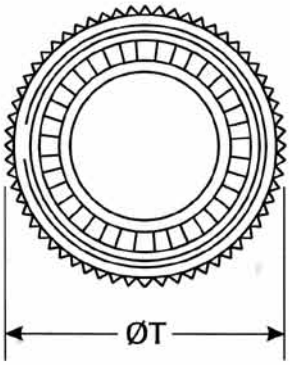
Shell size	ØF Thread dia. Class2B	ØM max	G max	N max	ØS min	ØT max	Oa min overlap
10 SL	5/8" x 24 UNEF	15.7 **0.618**	12.4 **0.488**	31.64 **1.246**	8.6 **0.339**	22.0 **0.87**	7.0 **0.276**
14 S	3/4" x 20 UNEF	19.3 **0.760**	12.4 **0.488**	31.64 **1.246**	11.1 **0.437**	25.0 **0.984**	7.0 **0.276**
16 S	7/8" x 20 UNEF	24.1 **0.949**	12.4 **0.488**	31.64 **1.246**	14.3 **0.563**	28.0 **1.102**	7.0 **0.276**
16	7/8" x 20 UNEF	24.1 **0.949**	12.4 **0.488**	35.44 **1.395**	14.3 **0.563**	28.0 **1.102**	7.0 **0.276**
18	1" x 20 UNEF	24.1 **0.949**	12.4 **0.488**	35.44 **1.395**	16.7 **0.657**	31.0 **1.220**	7.0 **0.276**
20	1 1/8" x 18 UNEF	29.8 **1.173**	12.4 **0.488**	38.93 **1.533**	19.8 **0.780**	35.0 **1.378**	7.0 **0.276**
22	1 1/4" x 18 UNEF	29.8 **1.173**	12.4 **0.488**	38.93 **1.533**	21.34 **0.840**	38.0 **1.496**	7.0 **0.276**
24	1 3/8" x 18 UNEF	38.0 **1.496**	12.4 **0.488**	38.93 **1.533**	25.4 **1.000**	41.0 **1.614**	7.0 **0.276**
28	1 5/8" x 18 UNEF	38.0 **1.496**	12.4 **0.488**	37.94 **1.494**	30.13 **1.186**	48.0 **1.890**	7.0 **0.276**
32	1 7/8" x 16 UN	48.0 **1.890**	12.1 **0.476**	37.64 **1.482**	36.73 **1.446**	54.0 **2.126**	7.0 **0.276**
36	2 1/16" x 16 UNS	48.0 **1.890**	12.1 **0.476**	38.64 **1.521**	41.0 **1.614**	61.0 **2.402**	7.0 **0.276**
40	2 5/16" x 16 UN	57.95 **2.281**	12.1 **0.476**	38.64 **1.521**	48.1 **1.894**	67.0 **2.638**	7.0 **0.276**

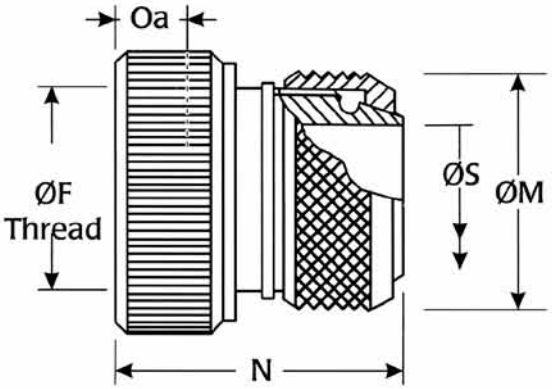
ABBMS

Screened Cable Adaptor - Accessory Type M

Style: ABB-**-**-SCA

BS Style: A2526





Metric **Imperial**

How to order: **ABB - ** - ** - SCA**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - SCA**
(includes grommet)

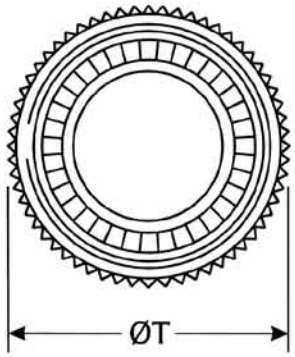
Shell size	ØF Thread dia. Class2B	ØM max	N max	ØS min	ØT max	Oa min overlap accessories
10 SL	5/8" x 24 UNEF	19.0 **0.748**	31.3 **0.812**	8.6 **0.339**	22.0 **0.866**	7.0 **0.276**
14 S	3/4" x 20 UNEF	22.5 **0.886**	33.9 **1.339**	10.6 **0.417**	25.0 **0.984**	7.0 **0.276**
16 S	7/8" x 20 UNEF	25.5 **1.004**	33.9 **1.339**	13.5 **0.532**	28.0 **1.102**	7.0 **0.276**
16	7/8" x 20 UNEF	25.5 **1.004**	33.9 **1.339**	13.5 **0.532**	28.0 **1.102**	7.0 **0.276**
18	1" x 20 UNEF	25.5 **1.122**	36.9 **1.453**	14.6 **0.575**	31.0 **1.220**	7.0 **0.276**
20	1 1/8" x 18 UNEF	32.5 **1.280**	36.9 **1.453**	18.5 **0.728**	35.0 **1.378**	7.0 **0.276**
22	1 1/4" x 18 UNEF	34.5 **1.358**	36.9 **1.453**	20.8 **0.819**	38.0 **1.496**	7.0 **0.276**
24	1 3/8" x 18 UNEF	38.5 **1.516**	36.9 **1.453**	24.6 **0.969**	41.0 **1.614**	7.0 **0.276**
28	1 5/8" x 18 UNEF	41.5 **1.634**	35.9 **1.413**	27.0 **1.063**	48.0 **1.890**	7.0 **0.276**
32	1 7/8" x 16 UN	48.5 **1.910**	35.9 **1.413**	33.3 **1.311**	54.0 **2.216**	7.0 **0.276**
36	2 1/16" x 16 UNS	55.5 **2.185**	35.9 **1.413**	38.5 **1.516**	61.0 **2.402**	7.0 **0.276**
40	2 5/16" x 16 UN	62.5 **2.461**	35.9 **1.413**	45.0 **1.772**	67.0 **2.638**	7.0 **0.276**

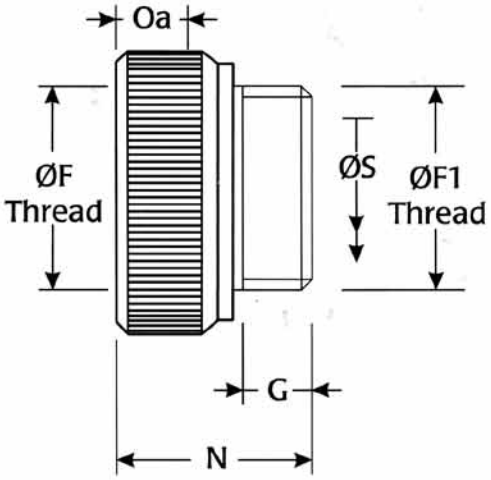
ABBMS

Armoured Cable Adaptor - Accessory Type H

Style: ABB-**-**-ACA

BS Style: A2524





Metric **Imperial**

How to order: **ABB - ** - ** - ACA**

Shell size

Contact arrangement

Typical Example: **ABB - 10SL - 3 - ACA**

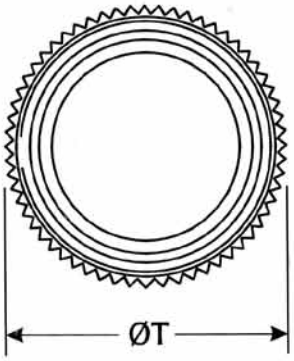
(includes grommet)

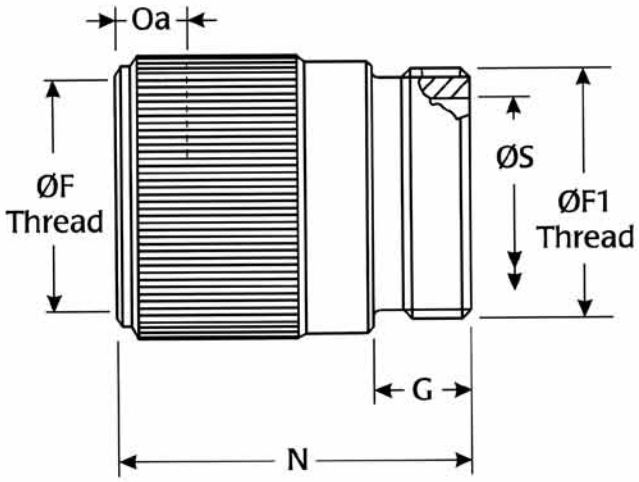
Shell size	ØF Thread dia Class2B	ØF1 Thread dia Class2A	G min	N max	ØS min	ØT max	O_a min overlap accessories
10 SL	5/8" x 24 UNEF	5/8" x 24 UNEF	9.5 **0.374**	27.9 **1.098**	8.2 **0.323**	22.0 **0.87**	7.0 **0.276**
14 S	3/4" x 20 UNEF	3/4" x 20 UNEF	9.5 **0.374**	27.9 **1.098**	11.1 **0.437**	25.0 **0.984**	7.0 **0.276**
16 S	7/8" x 20 UNEF	7/8" x 20 UNEF	9.5 **0.374**	27.9 **1.098**	14.3 **0.563**	28.0 **1.11**	7.0 **0.276**
16	7/8" x 20 UNEF	7/8" x 20 UNEF	9.5 **0.374**	27.9 **1.098**	14.3 **0.563**	28.0 **1.11**	7.0 **0.276**
18	1" x 20 UNEF	1" x 20 UNEF	9.5 **0.374**	29.9 **1.177**	16.7 **0.657**	31.0 **1.22**	7.0 **0.276**
20	1 1/8" x 18 UNEF	1 3/16" x 18 NEF	9.5 **0.374**	29.9 **1.177**	19.8 **0.780**	35.0 **1.38**	7.0 **0.276**
22	1 1/4" x 18 UNEF	1 3/16" x 18 NEF	9.5 **0.374**	29.9 **1.177**	19.8 **0.780**	38.0 **1.50**	7.0 **0.276**
24	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	9.5 **0.374**	29.9 **1.177**	25.4 **1.000**	41.0 **1.62**	7.0 **0.276**
28	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	9.5 **0.374**	30.0 **1.181**	27.0 **1.063**	48.0 **1.89**	7.0 **0.276**
32	1 7/8" x 16 UN	1 3/4" x18 NS	11.0 **0.433**	28.9 **1.136**	32.5 **1.280**	54.0 **2.13**	7.0 **0.276**
36	2 1/16" x 16 UNS	2" x 18 NS	11.8 **0.464**	28.9 **1.136**	35.7 **1.406**	61.0 **2.40**	7.0 **0.276**
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11.8 **0.464**	28.9 **1.138**	45.0 **1.772**	67.0 **2.638**	7.0 **0.276**

ABBMS

Conduit Cable Adaptor - Accessory Type R

Style: ABB-**-**-CCA





Metric **Imperial**

How to order: **ABB - ** - ** - CCA**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - CCA**
(includes grommet)

Shell size	ØF Thread dia class2B	ØF1 Thread dia class2A	G max	N max	ØS min	ØT max	O_a min overlap accessory
* 10 SL	-	-	-	-	-	-	-
* 14 S	-	-	-	-	-	-	-
* 16 S	-	-	-	-	-	-	-
* 16	-	-	-	-	-	-	-
18	1" x 20 UNEF	1" x 20 UNEF	10.1 **0.398**	37.0 **1.457**	16.7 **0.657**	28.6 **1.126**	7.34 **0.289**
20	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	10.1 **0.398**	37.0 **1.457**	19.9 **0.783**	31.85 **1.254**	7.34 **0.289**
22	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	10.1 **0.398**	37.0 **1.457**	19.9 **0.783**	35.03 **1.379**	7.34 **0.289**
24	1 3/8" x 18 UNEF	1 7/16" x 18 UNEF	11.1 **0.437**	39.85 **1.569**	25.4 **1.000**	39.1 **1.539**	7.14 **0.281**
28	1 5/8" x 18 UNEF	1 7/16" x 18 UNEF	11.1 **0.437**	39.85 **1.569**	30.13 **1.186**	45.6 **1.795**	6.34 **0.250**
32	1 7/8" x 16 UN	1 3/4" x 18 UNS	11.1 **0.437**	39.85 **1.569**	32.5 **1.280**	50.8 **2.000**	7.4 **0.291**
36	2 1/16" x 16 UNS	2" x 18 UNS	11.1 **0.437**	39.85 **1.569**	35.7 **1.406**	57.45 **2.262**	7.4 **0.291**
40	2 5/16" x 16 UN	2 1/4" x 16 UN	11.1 **0.437**	39.85 **1.569**	45.0 **1.772**	63.1 **2.484**	6.34 **0.250**

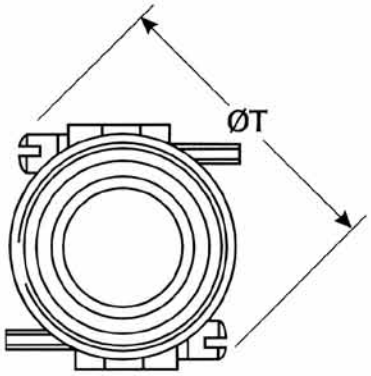
* Please consult factory for availability.

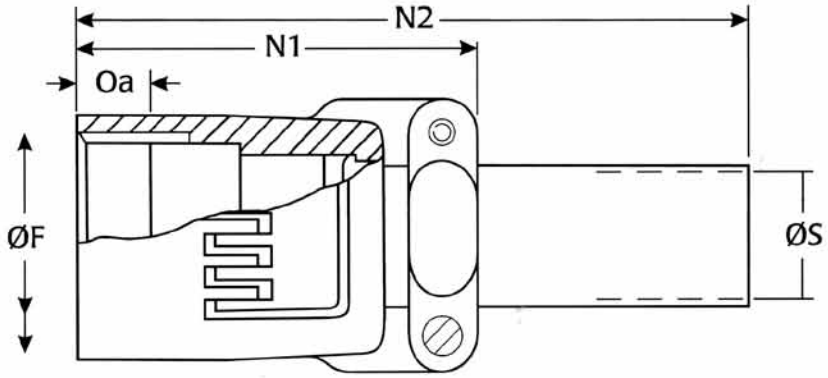
ABBMS

Multicore Cable Clamp - Accessory Type E/MC

Style: SB-**-**-MCA

BS Style: A2346





Metric **Imperial**

How to order: **SB - ** - ** - MCA**

Shell size

Contact arrangement

Typical Example: **SB - 10SL - 3 - MCA**

(includes grommet + nylon follower)

Shell size	N1 max	N2 max	ØF Thread Class 2B	ØS min	ØS max	ØT max	O_a overlap accessories
10 SL	45.34 **1.785**	95.86 **3.774**	5/8" x 24 UNEF	3.68 **0.145**	5.76 **0.227**	35.15 **1.384**	6.1 **0.240**
14 S	45.34 **1.785**	92.69 **3.649**	3/4" x 20 UNEF	4.62 **0.182**	8.1 **0.319**	39.88 **1.570**	6.1 **0.240**
16 S	45.34 **1.785**	89.64 **3.529**	7/8" x 20 UNEF	7.82 **0.308**	11.3 **0.444**	41.45 **1.632**	6.1 **0.240**
16	45.34 **1.785**	89.64 **3.529**	7/8" x 20 UNEF	7.82 **0.308**	11.3 **0.444**	41.45 **1.632**	6.1 **0.240**
18	50.11 **1.973**	91.11 **3.587**	1" x 20 UNEF	8.79 **0.346**	14.45 **0.569**	45.52 **1.792**	7.6 **0.300**
20	50.11 **1.973**	87.94 **3.462**	1 1/8" x 18 UNEF	10.54 **0.415**	16.0 **0.632**	49.63 **1.954**	7.6 **0.300**
22	50.11 **1.973**	87.94 **3.462**	1 1/4" x 18 UNEF	10.54 **0.415**	16.0 **0.632**	49.63 **1.954**	7.6 **0.300**
24	50.11 **1.973**	84.76 **3.337**	1 3/8" x 18 UNEF	14.55 **0.573**	19.23 **0.757**	56.29 **2.216**	7.6 **0.300**
28	59.44 **2.340**	94.09 **3.704**	1 5/8" x 18 UNEF	14.15 **0.557**	19.23 **0.757**	60.45 **2.380**	7.6 **0.300**
32	59.44 **2.340**	90.91 **3.579**	1 7/8" x 16 UN	19.18 **0.755**	23.98 **0.944**	68.43 **2.694**	7.6 **0.300**
***36**	59.44 **2.340**	87.73 **3.454**	2" x 18 UNS	24.51 **0.965**	31.93 **1.257**	71.68 **2.822**	7.6 **0.300**

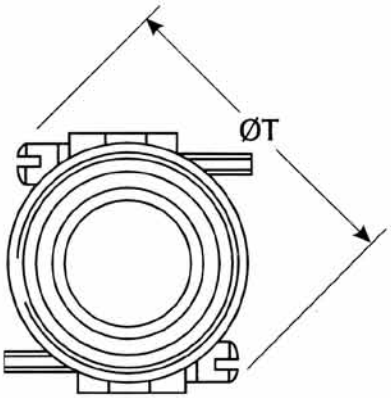
* Consult factory for connector shell to accommodate 2" x 18 UNS mating thread.

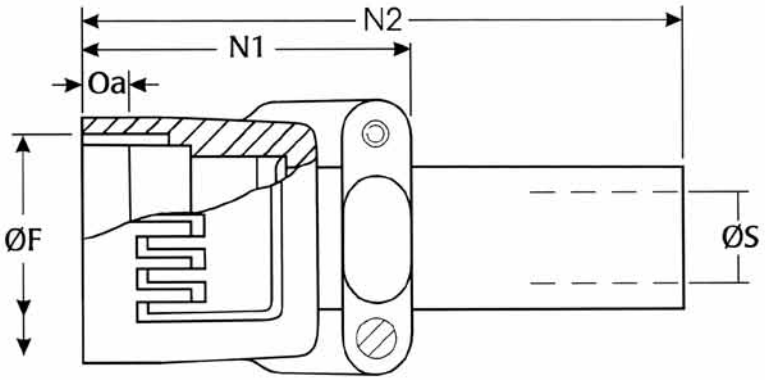
ABBMS

Cable Clamp - Accessory Type D

Style: ABB-**-**-OCN

BS Style: A2527





Metric **Imperial**

How to order: **ABB - ** - ** - OCN**

Shell size

Contact arrangement

Typical Example: **ABB - 10SL - 3 - OCN**

(includes grommet + nylon follower)

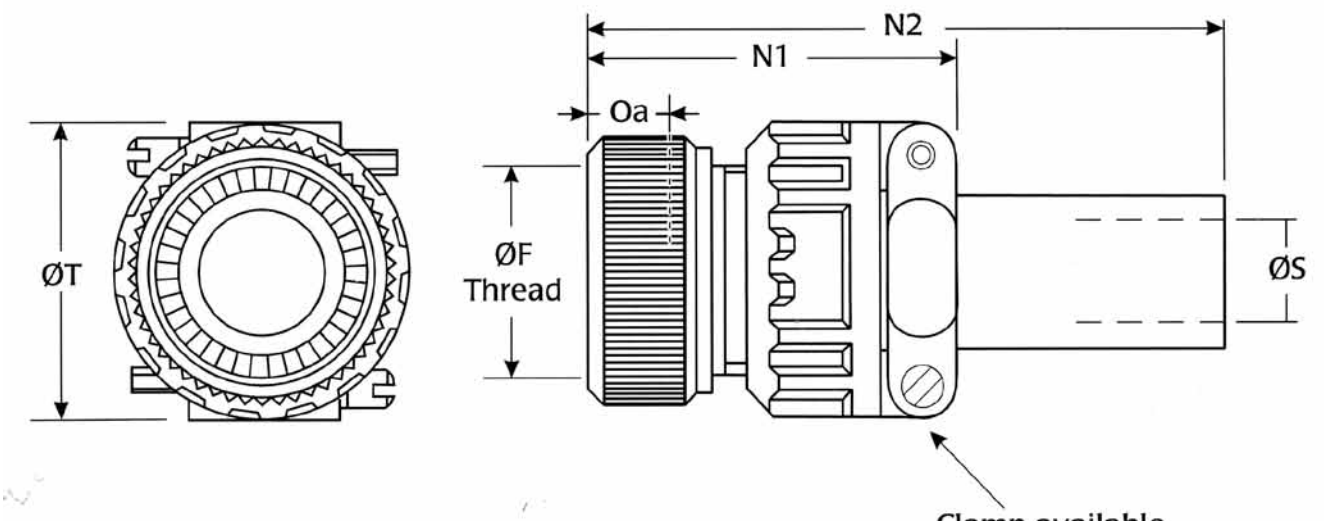
Shell size	N1 max	N2 max	ØF Thread Class 2B	ØS min	ØS max	ØT max	O_a min overlap accessory
10 SL	36.42 **1.434**	86.68 **3.413**	5/8" x 24 UNEF	3.68 **0.145**	5.76 **0.227**	35.15 **1.384**	7.0 **0.276**
14 S	27.41 **1.079**	85.04 **3.348**	3/4" x 20 UNEF	4.62 **0.182**	8.1 **0.319**	39.88 **1.570**	7.0 **0.276**
16 S	27.41 **1.079**	81.99 **3.228**	7/8" x 20 UNEF	7.82 **0.308**	11.3 **0.444**	41.45 **1.632**	7.0 **0.276**
16	27.41 **1.079**	81.99 **3.228**	7/8" x 20 UNEF	7.82 **0.308**	11.3 **0.444**	41.45 **1.632**	7.0 **0.276**
18	44.68 **1.759**	85.55 **3.368**	1" x 20 UNEF	8.79 **0.346**	14.45 **0.569**	45.52 **1.792**	7.0 **0.276**
20	44.68 **1.759**	84.61 **3.331**	1 1/8" x 18 UNEF	10.54 **0.415**	16.0 **0.632**	49.63 **1.954**	7.0 **0.276**
22	44.68 **1.7.59**	84.61 **3.331**	1 1/4" x 18 UNEF	10.54 **0.415**	16.0 **0.632**	49.63 **1.954**	7.0 **0.276**
24	44.68 **1.759**	79.20 **3.118**	1 3/8" x 18 UNEF	14.55 **0.573**	19.23 **0.757**	56.29 **2.216**	7.0 **0.276**
28	54.79 **2.157**	89.31 **3.516**	1 5/8" x 18 UNEF	14.15 **0.557**	19.23 **0.757**	60.45 **2.380**	7.0 **0.276**
32	54.79 **2.157**	86.13 **3.390**	1 7/8" x 16 UN	19.18 **0.755**	23.98 **0.944**	68.43 **2.694**	7.0 **0.276**
36	54.79 **2.157**	82.98 **3.267**	2 1/16" x 16 UNS	24.51 **0.965**	31.93 **1.257**	71.68 **2.822**	7.0 **0.276**

ABBMS

Cable Clamp (locking) - Accessory Type H/C

Style: ABB-**-**-HC

BS Style: A2760



Metric **Imperial**

How to order: **ABB - ** - ** - HC**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - HC**
(includes grommet)

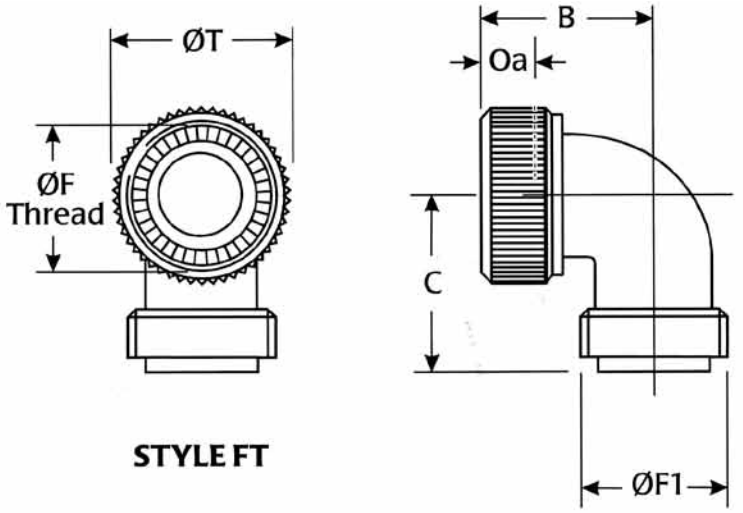
Shell size	ØF Thread dia. Class2B	N1 max	N2 max	Oa min overlap accessories	ØS max	T max
10 SL	5/8" x 24 UNEF	40.1 **1.58**	100.1 **3.94**	7.0 **0.276**	5.76 **0.227**	22.7 **0.90**
14 S	3/4" x 20 UNEF	41.7 **1.65**	96.7 **3.81**	7.0 **0.276**	8.1 **0.319**	27.5 **1.09**
16 S	7/8" x 20 UNEF	43.5 **1.72**	98.5 **3.88**	7.0 **0.276**	11.3 **0.444**	30.0 **1.19**
16	7/8" x 20 UNEF	43.5 **1.72**	93.5 **3.68**	7.0 **0.276**	11.3 **0.444**	30.0 **1.19**
18	1" x 20 UNEF	50.0 **1.97**	95.0 **3.74**	7.0 **0.276**	14.45 **0.569**	33.0 **1.30**
20	1 1/8" x 18 UNEF	45.5 **1.80**	90.5 **3.57**	7.0 **0.276**	16.0 **0.632**	37.5 **1.48**
22	1 1/4" x 18 UNEF	45.5 **1.80**	90.5 **3.57**	7.0 **0.276**	16.0 **0.632**	37.5 **1.48**
24	1 3/8" x 18 UNEF	47.5 **1.87**	77.5 **3.05**	7.0 **0.276**	19.23 **0.757**	43.3 **1.71**
28	1 5/8" x 18 UNEF	47.6 **1.88**	77.6 **3.06**	7.0 **0.276**	19.23 **0.757**	43.3 **1.71**
32	1 7/8" x 16 UN	46.5 **1.83**	76.5 **3.02**	7.0 **0.276**	23.98 **0.944**	51.7 **2.04**
36	2 1/16" x 16 UNS	46.4 **1.83**	76.4 **3.01**	7.0 **0.276**	31.93 **1.257**	58.0 **2.29**
40	2 5/16" x 16 UN	59.8 **2.35**	73.8 **2.90**	7.0 **0.276**	35.1 **1.38**	65.0 **2.56**

ABBMS

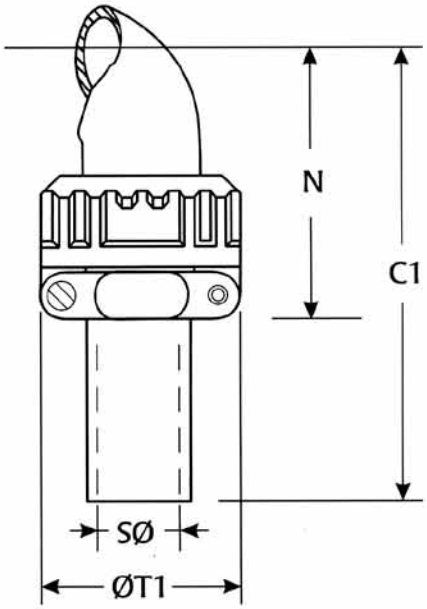
90° Angled Outlets - Accessory Type FT/F

Styles: ABB-**-**-FT/ABB-**-**-F

BS Styles: A2522/A2523



STYLE FT



STYLE F

Metric **Imperial**

How to order: **ABB - ** - ** - FT**

Shell size

Contact arrangement

Typical Example: **ABB - 10SL - 3 - FT**

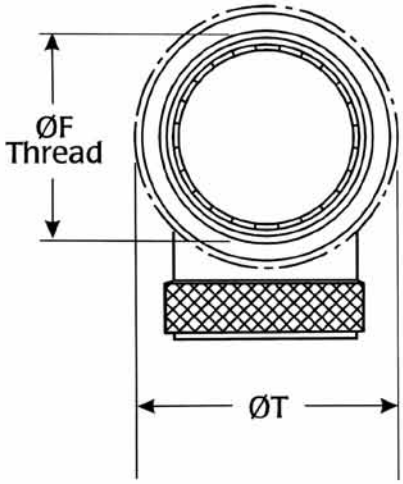
(includes grommet)

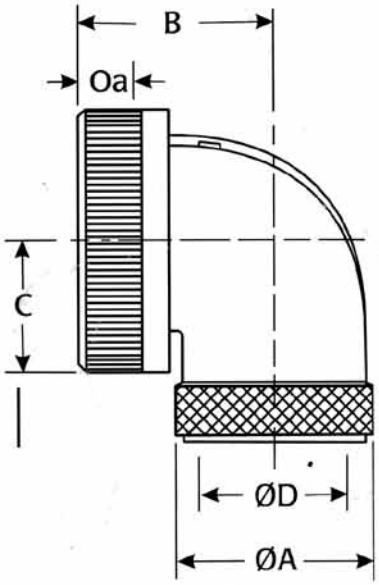
Shell size	B max	C max	C1 max	ØF Thread dia. Class2B	ØF1 Thread dia. Class2A	N max	ØT max	ØT1 max	ØS max	Oa min overlap accessories
10 SL	24.0 **0.945**	30.0 **1.181**	100.0 **3.937**	5/8" x 24 UNEF	5/8" x 24 UNEF	42.0 **1.654**	22.0 **0.87**	22.7 **0.894**	5.76 **0.227**	7.0 **0.276**
14 S	25.0 **0.984**	30.0 **1.181**	100.0 **3.937**	3/4" x 20 UNEF	3/4" x 20 NEF	42.0 **1.654**	25.0 **0.99**	27.5 **1.083**	8.1 **0.319**	7.0 **0.276**
16 S	27.0 **1.063**	30.0 **1.181**	100.0 **3.937**	7/8" x 20 UNEF	7/8" x 20 UNEF	45.0 **1.772**	28.0 **1.11**	30.0 **1.181**	11.3 **0.444**	7.0 **0.276**
16	27.0 **1.063**	30.0 **1.181**	100.0 **3.937**	7/8" x 20 UNEF	7/8" x 20 UNEF	45.0 **1.772**	28.0 **1.11**	30.0 **1.181**	11.3 **0.444**	7.0 **0.276**
18	30.1 **1.185**	35.0 **1.378**	100.0 **3.937**	1" x 20 UNEF	1" x 20 UNEF	53.0 **2.087**	31.0 **1.22**	33.0 **1.299**	14.45 **0.569**	7.0 **0.276**
20	33.0 **1.299**	35.0 **1.378**	100.0 **3.937**	1 1/8" x 18 UNEF	1 3/16" x 18 UNEF	53.0 **2.087**	35.0 **1.38**	37.5 **1.476**	16.0 **0.632**	7.0 **0.276**
22	33.1 **1.303**	35.0 **1.378**	100.0 **3.937**	1 1/4" x 18 UNEF	1 3/16" x 18 UNEF	53.0 **2.087**	38.0 **1.50**	37.5 **1.476**	16.0 **0.632**	7.0 **0.276**
24	37.9 **1.492**	40.0 **1.575**	100.0 **3.937**	1 3/8" x 18 UNEF	1 7/16" x 18 NEF	58.0 **2.283**	41.0 **1.62**	43.3 **1.705**	19.23 **0.757**	7.0 **0.276**
28	37.1 **1.461**	40.0 **1.575**	100.0 **3.937**	1 5/8" x 18 UNEF	1 7/16" x 18 NEF	58.0 **2.283**	48.0 **1.89**	43.3 **1.705**	19.23 **0.757**	7.0 **0.276**
32	43.1 **1.697**	45.0 **1.772**	110.0 **4.331**	1 7/8" x 16 UN	1 3/4" x 18 NS	66.0 **2.598**	54.0 **2.13**	51.7 **2.035**	23.98 **0.944**	7.0 **0.276**
36	45.9 **1.807**	50.0 **1.969**	110.0 **4.331**	2 1/16" x 16 UNS	2" x 18 NS	69.0 **2.717**	61.0 **2.40**	58.0 **2.283**	31.93 **1.257**	7.0 **0.276**
40	49.0 **1.929**	54.6 **2.149**	100.0 **3.937**	2 5/16" x 16 UN	2 1/4" x 16 UN	85.5 **3.366**	67.0 **2.64**	65.0 **2.56**	35.1 **1.38**	7.0 **0.276**

ABBMS

90° Outlet RFI Shielded - Accessory Type FM

Style: ABB-**-**-FM





Metric **Imperial**

How to order: **ABB - ** - ** - FM**
Shell size
Contact arrangement
Typical Example: **ABB - 10SL - 3 - FM**
(includes grommet)

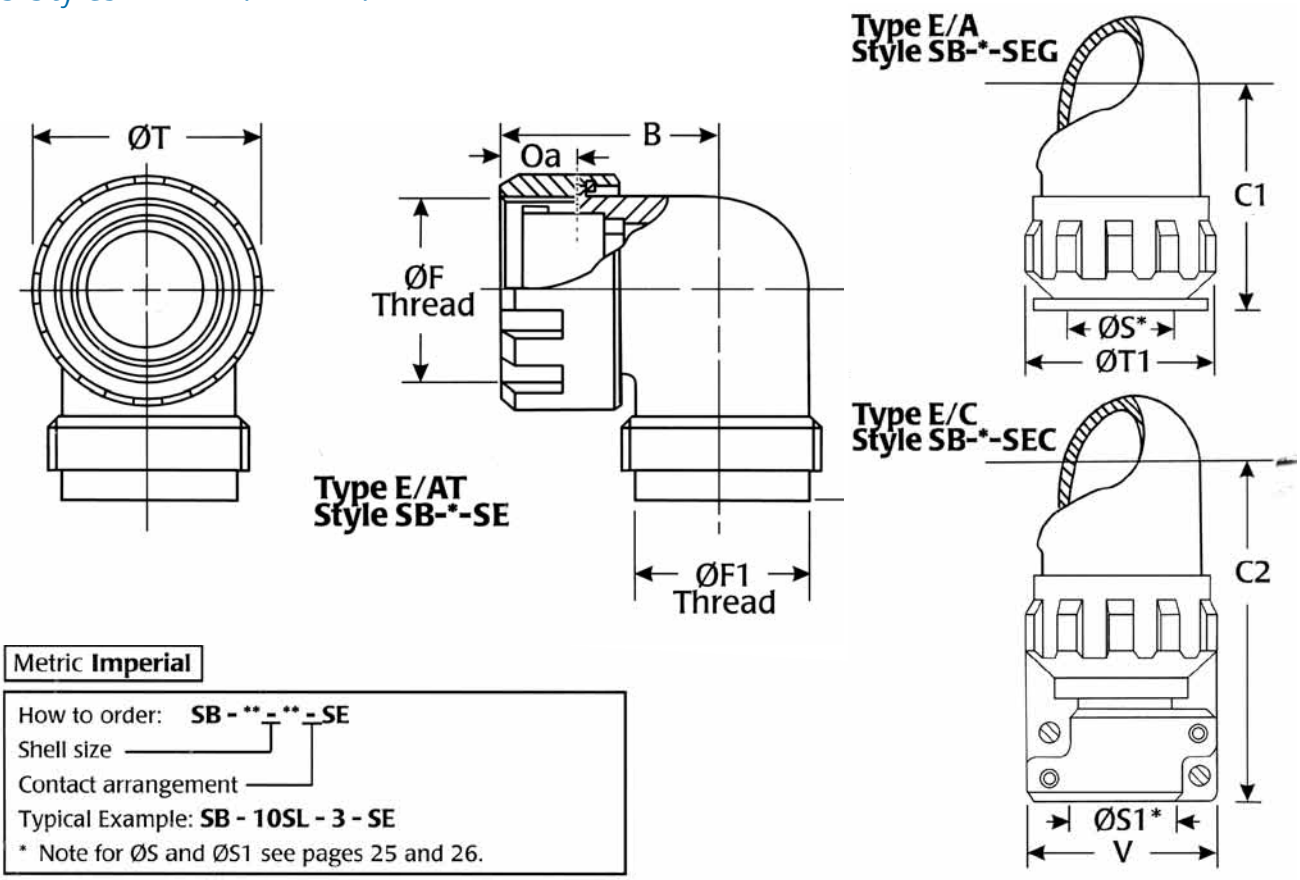
Shell size	ØF Thread dia. Class2B	ØA max	B max	C max	D max	ØT max	O_a min overlap accessory
10 SL	5/8" x 24 UNEF	15.9 **0.626**	24.0 **0.945**	30.0 **1.181**	7.77 **0.306**	22.0 **0.866**	7.0 **0.276**
14 S	3/4" x 20 UNEF	19.1 **0.764**	25.0 **0.984**	30.0 **1.181**	10.36 **0.408**	25.0 **0.984**	7.0 **0.276**
16 S	7/8" x 20 UNEF	22.3 **0.878**	27.0 **1.063**	30.0 **1.181**	13.01 **0.512**	28.0 **1.102**	7.0 **0.276**
16	7/8" x 20 UNEF	22.3 **0.878**	27.0 **1.063**	30.0 **1.181**	13.01 **0.512**	28.0 **1.102**	7.0 **0.276**
18	1" x 20 UNEF	25.5 **1.004**	30.1 **1.224**	35.0 **1.378**	15.14 **0.596**	31.0 **1.220**	7.0 **0.276**
20	1 1/8" x 18 UNEF	30.2 **1.189**	33.0 **1.299**	35.0 **1.378**	18.10 **0.713**	35.0 **1.378**	7.0 **0.276**
22	1 1/4" x 18 UNEF	30.2 **1.189**	33.1 **1.303**	35.0 **1.378**	21.62 **0.851**	38.0 **1.496**	7.0 **0.276**
24	1 3/8" x 18 UNEF	36.6 **1.441**	37.9 **1.492**	40.0 **1.575**	25.10 **0.988**	41.0 **1.614**	7.0 **0.276**
28	1 5/8" x 18 UNEF	36.6 **1.441**	37.1 **1.461**	40.0 **1.575**	30.38 **1.196**	48.0 **1.890**	7.0 **0.276**
32	1 7/8" x 16 UN	44.5 **1.752**	43.1 **1.697**	45.0 **1.772**	36.48 **1.436**	54.0 **2.126**	7.0 **0.276**
36	2 1/16" x 16 UNS	50.9 **2.004**	45.9 **1.807**	50.0 **1.969**	40.67 **1.601**	61.0 **2.402**	7.0 **0.276**
40	2 5/16" x 16 UN	57.2 **2.252**	49.0 **1.929**	54.6 **2.150**	48.50 **1.909**	67.0 **2.638**	7.0 **0.276**

ABBMS

90° Angled Outlets - Accessory Type E/AT, E/A, E/AC (5MS locking)

Styles: SB-**-**-SE/SB-**-**SEG/SB-**-**SEC

BS Styles: A2348/A2357/A2358



Metric **Imperial**

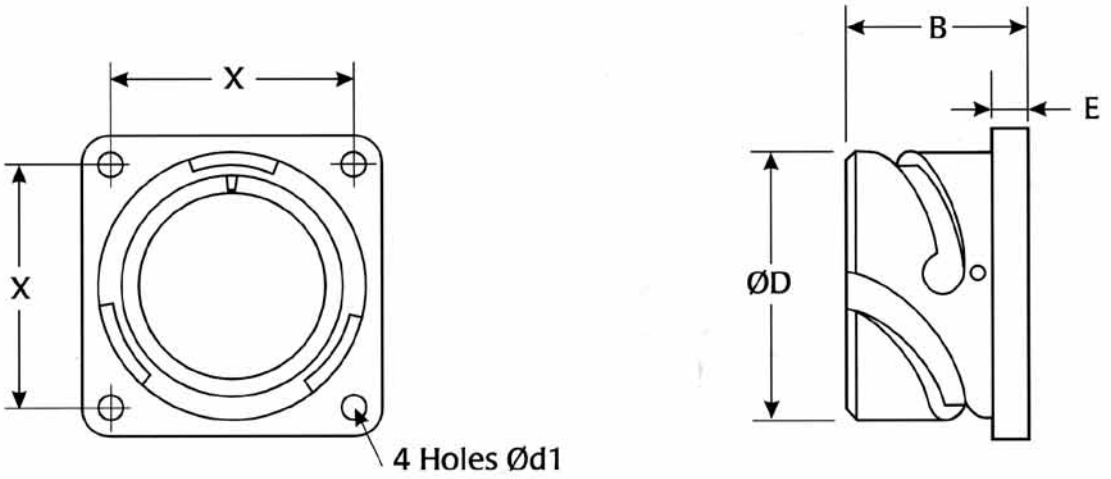
How to order: **SB - ** - ** - SE**
Shell size
Contact arrangement
Typical Example: **SB - 10SL - 3 - SE**
* Note for ØS and ØS1 see pages 25 and 26.

Shell size	B max	C max	C1 max	C2 max	ØF Thread Ø Class2B	ØT max	ØT1 max	V max	Oₐmin overlap accessory	ØF1 Thread Ø Class2A
10 SL	25.88 **1.019**	23.6 **0.928**	35.41 **1.394**	43.99 **1.732**	5/8" x 24 UNEF	24.7 **0.973**	21.59 **0.850**	21.47 **0.845**	5.1 **0.200**	5/8" x 24 UNEF
14 S	26.72 **1.052**	26.4 **1.040**	36.83 **1.450**	47.62 **1.875**	3/4" x 20 UNEF	27.1 **1.067**	24.77 **0.975**	24.64 **0.970**	5.1 **0.200**	3/4" x 20 UNEF
16 S	28.17 **1.109**	27.9 **1.097**	38.28 **1.507**	49.02 **1.930**	7/8" x 20 UNEF	29.46 **1.160**	28.7 **1.130**	28.7 **1.130**	5.1 **0.200**	7/8" x 20 UNEF
16	28.17 **1.109**	27.9 **1.097**	38.28 **1.507**	49.02 **1.930**	7/8" x 20 UNEF	29.46 **1.160**	28.7 **1.130**	28.7 **1.130**	7.6 **0.300**	7/8" x 20 UNEF
18	38.0 **1.496**	32.4 **1.276**	42.7 **1.681**	61.47 **2.420**	1" x 20 UNEF	31.88 **1.255**	31.88 **1.255**	31.88 **1.255**	7.6 **0.300**	1" x 20 UNEF
20	39.52 **1.556**	35.7 **1.407**	46.02 **1.812**	64.82 **2.552**	1 1/8" x 18 UNEF	34.24 **1.348**	34.92 **1.375**	35.06 **1.380**	7.6 **0.300**	1 1/8" x 18 UNEF
22	40.36 **1.589**	37.13 **1.462**	47.42 **1.867**	66.22 **2.607**	1 1/4" x18 UNEF	37.44 **1.474**	38.23 **1.505**	38.23 **1.505**	7.6 **0.300**	1 1/4" x 18 UNEF
24	44.81 **1.764**	38.8 **1.530**	49.15 **1.935**	67.95 **2.675**	1 3/8" x 18 UNEF	40.59 **1.598**	41.40 **1.630**	41.40 **1.630**	7.6 **0.300**	1 3/8" x 18 UNEF
28	45.19 **1.779**	41.7 **1.642**	52.25 **2.057**	70.79 **2.787**	1 5/8" x 18 UNEF	46.96 **1.849**	47.76 **1.880**	47.76 **1.880**	7.6 **0.300**	1 5/8" x 18 UNEF
32	50.57 **1.991**	44.8 **1.762**	15.17 **2.172**	73.96 **2.912**	1 7/8" x 16 UN	53.31 **2.099**	54.10 **2.130**	54.10 **2.130**	7.6 **0.300**	1 7/8" x 16 UNEF
*** 36**	52.73 **2.076**	47.0 **1.852**	57.66 **2.270**	57.66 **2.270**	2" x 18 UNS	59.41 **2.339**	58.67 **2.310**	58.75 **2.313**	7.6 **0.300**	2" x 18 UNS

* Consult factory for connector shell to accommodate 2" x 18 UNS mating thread.

ABBMS

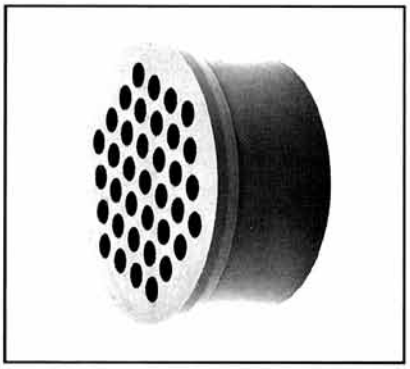
Stowage Receptacle
Style: ABB-**-**-SX
BS Style: A2541



Metric **Imperial**

Part number	B max	C max	ØD max	Ød1 min	E max	X
ABB-10SL-SX	17.6 **0.693**	25.7 **1.012**	18.2 **0.717**	3.2 **0.126**	3.0 **0.118**	18.2 **0.717**
ABB-14S-SX	18.0 **0.709**	30.3 **1.193**	24.6 **0.969**	3.2 **0.126**	3.4 **0.134**	23.1 **0.909**
ABB-16S-SX	18.0 **0.709**	32.8 **1.291**	27.4 **1.079**	3.2 **0.126**	3.4 **0.134**	24.6 **0.969**
ABB-16-SX	22.8 **0.898**	32.8 **1.291**	27.4 **1.079**	3.2 **0.126**	3.4 **0.134**	24.6 **0.969**
ABB-18-SX	23.6 **0.929**	35.3 **1.390**	30.8 **1.213**	3.2 **0.126**	4.2 **0.165**	27.0 **1.063**
ABB-20-SX	23.6 **0.929**	38.3 **1.508**	34.2 **1.346**	3.2 **0.126**	4.2 **0.165**	29.4 **1.157**
ABB-22-SX	23.6 **0.929**	41.3 **1.626**	37.4 **1.472**	3.2 **0.126**	4.2 **0.165**	**31.8** **1.252**
ABB-24-SX	25.2 **0.992**	44.8 **1.764**	40.9 **1.610**	3.7 **0146**	4.2 **0.165**	34.9 **1.374**
ABB-28-SX	25.2 **0.992**	51.1 **2.012**	46.7 **1.838**	3.7 **0.146**	4.2 **0.165**	39.7 **1.563**
ABB-32-SX	26.8 **1.055**	57.3 **2.256**	53.4 **2.102**	4.3 **0.169**	4.2 **0.165**	44.5 **1.752**
ABB-36-SX	26.8 **1.055**	63.8 **2.512**	59.6 **2.346**	4.3 **0.169**	4.2 **0.165**	49.2 **1.937**
ABB-40-SX	26.8 **1.055**	70.2 **2.763**	65.5 **2.579**	4.3 **0.169**	4.2 **0.165**	55.5 **2.185**

ABBMS
Wire Seal Grommets & Bushing



Grommets
ABB style used with accessory classes: D, E/V, F, FT, G, GG. GS, H, H/C, JE, M, L, M, R & SM.

How to order:

ABB - * - ** - ** - GAC - ***

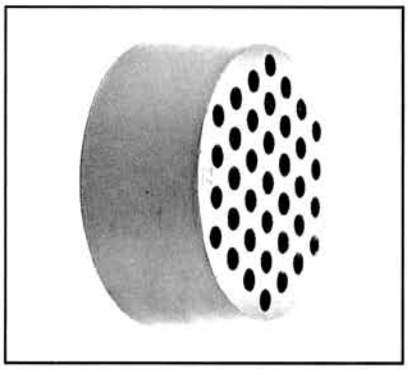
- Series prefix
- Mat'l Variation
- Shell Size
- Contact Arrangement
- Contact Style

Example: ABB-H-28-11-GAC-F80

Series Prefix:	**ABB**, approved to BS9522 F0032 & VG95234.
Mat'l Variation:	**H**, low halogen material, leave blank for standard.
Shell size:	**28.**
Contact arrangement:	**11**
Contact Style:	**F80**, leave blank for VG95234 style contacts.

Metric **Imperial**

F80 Contact sizes	Wire insulation limits	
	Min O/D	Max O/D
16	1.52 **0.06**	2.80 **0.110**
12	2.1 **0.083**	3.61 **0.142**
100	7.0 **0.276**	10.0 **0.394**
160	8.18 **0.322**	11.0 **0.433**
500	14.0 **0.551**	16.0 **0.630**



Grommets
SBMS style used with accessory classes: E, E/C, E/MC, E/A, E/AT & E/AC only

How to order:

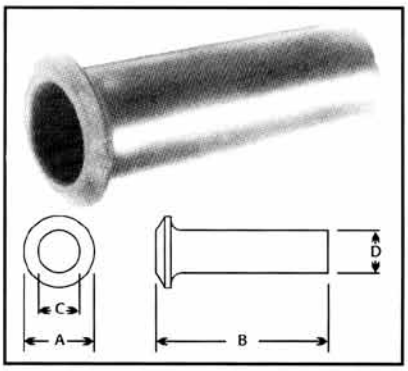
SB - ** - ** - G

- Shell Size
- Contact Arrangement

Consult factory for availability of low halogen material.

Metric **Imperial**

VG & SB MS Contact sizes	Wire insulation limits	
	Min O/D	Max O/D
20	1.52 **0.06**	2.16 **0.085**
16	1.68 **0.066**	2.77 **0.109**
12	2.46 **0.097**	3.61 **0.142**
100	4.34 **0.171**	5.48 **0.216**
160	7.00 **0.276**	8.18 **0.322**



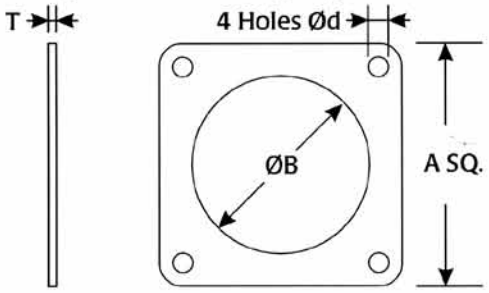
Shell size	Bushing	A ±0.178 0.007	B ±0.178 0.007	C ±0.178 0.007	D ±0.178 0.007
10 SL	SB-MS 554/1	12.83 **0.505**	69.85 **2.750**	5.59 **0.220**	7.62 **0.300**
14 S	SB-MS 554/2	15.88 **0.625**	66.68 **2.625**	7.92 **0.312**	10.8 **0.425**
16 S	SB-MS 554/3	19.05 **0.750**	63.5 **2.500**	11.1 **0.437**	13.97 **0.550**
16	SB-MS 554/3	19.05 **0.750**	63.5 **2.500**	11.1 **0.437**	13.97 **0.550**
18	SB-MS 554/4	22.23 **0.875**	60.33 **2.375**	14.27 **0.562**	15.57 **0.613**
20	SB-MS 554/5	25.4 **1.000**	57.15 **2.250**	15.88 **0.625**	18.75 **0.738**
22	SB-MS 554/6	28.58 **1.125**	57.15 **2.250**	15.88 **0.625**	18.75 **0.738**
24	SB-MS 554/7	31.75 **1.250**	53.98 **2.125**	19.05 **0.750**	23.50 **0.925**
28	SB-MS 554/8	38.23 **1.505**	53.98 **2.125**	19.05 **0.750**	23.50 **0.925**
32	SB-MS 554/9	44.45 **1.750**	50.80 **2.000**	23.80 **0.937**	31.45 **1.238**
36	SB-MS 554/10	47.88 **1.885**	47.63 **1.875**	31.75 **1.250**	34.62 **1.363**
40	SB-MS 554/11	52.9 **2.083**	44.4 **1.748**	34.92 **1.375**	40.99 **1.614**

The bushings are used with accessory types D, E/MC, F, and H/C. They can be fitted inside one another to reduce the cable entry diameter to improve clamping and sealing.

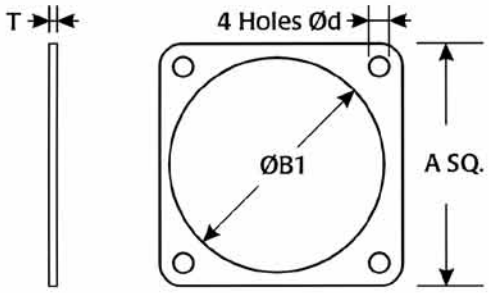
Note: To order low halogen material, add 'H' to part number:
ie SBMS H 554/11 for size 40.

ABBMS
Panel Sealing Gaskets

Front Mounted Receptacle
AB Part Number: SB - ** - RPG
BS Style: A2765 Sealing only.



Rear Mounted Receptacle
AB Part Number: SB - ** - FPG
BS Style: A2767 Sealing only.

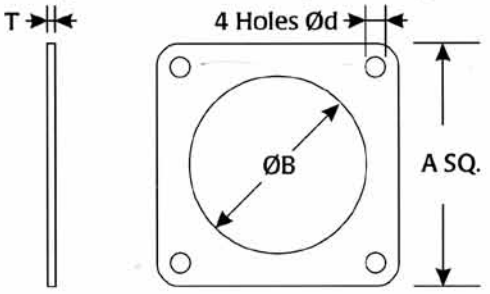


Metric **Imperial**

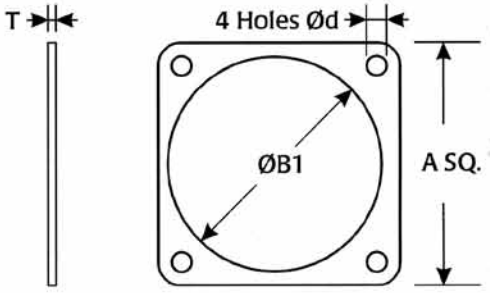
Shell size **	A min	ØB Nominal	ØB1 Nominal	Ød Nominal	T Nominal
10 SL	25.4 **1.000**	15.88 **0.625**	18.3 **0.720**	3.43 **0.135**	1.0 **0.040**
14 S	3.2 **1.188**	19.0 **0.750**	24.7 **0.972**	3.43 **0.135**	1.0 **0.040**
16 S	32.5 **1.280**	22.2 **0.875**	27.5 **1.083**	3.43 **0.135**	1.0 **0.040**
16	32.5 **1.280**	22.2 **0.875**	27.5 **1.083**	3.43 **0.135**	**1.0** **0.040**
18	34.9 **1.375**	25.4 **1.000**	30.9 **1.217**	3.43 **0.135**	1.0 **0.040**
20	38.1 **1.500**	28.6 **1.125**	34.3 **1.350**	3.43 **0.135**	1.0 **0.040**
22	41.3 **1.625**	31.7 **1.250**	37.5 **1.476**	3.43 **0.135**	1.0 **0.040**
24	44.5 **1.750**	34.9 **1.375**	41.0 **1.614**	4.12 **0.162**	1.0 **0.040**
28	50.8 **2.000**	41.3 **1.625**	46.8 **1.843**	4.12 **0.162**	1.0 **0.040**
32	57.2 **2.250**	47.6 **1.875**	53.5 **2.106**	4.78 **0.188**	1.0 **0.040**
36	63.5 **2.500**	52.6 **2.071**	59.7 **2.350**	4.78 **0.188**	1.0 **0.040**
40	69.9 **2.75**	61.9 **2.44**	65.5 **2.58**	5.1 **2.01**	1.0 **0.040**

ABBMS
Panel Sealing Gaskets
RFI Conductive Screening

Front Mounted Receptacle
AB Part Number: SB - ** - RPGS
BS Style: A2766 Screening & Sealing.



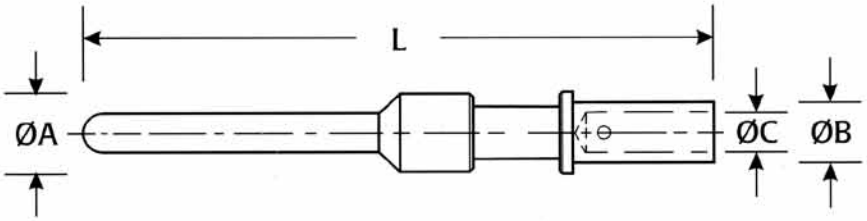
Rear Mounted Receptacle
AB Part Number: SB - ** - FPGS
BS Style: A2768 Screening & Sealing.



Metric **Imperial**

Shell size **	A min	ØB Nominal	ØB1 Nominal	Ød Nominal	T Nominal
10 SL	25.4 **1.000**	15.88 **0.625**	18.3 **0.720**	4.2 **0.165**	1.0 **0.040**
14 S	30.2 **1.188**	22.1 **0.870**	24.7 **0.972**	4.2 **0.165**	1.0 **0.040**
16 S	32.5 **1.280**	25.3 **0.996**	27.5 **1.083**	4.2 **0.165**	1.0 **0.040**
16	32.5 **1.280**	25.3 **0.996**	27.5 **1.217**	4.2 **0.165**	**1.0** **0.040**
18	34.9 **1.375**	28.4 **1.118**	30.9 **1.217**	4.2 **0.165**	1.0 **0.040**
20	38.1 **1.500**	31.6 **1.244**	34.3 **1.350**	4.2 **0.165**	1.0 **0.040**
22	41.3 **1.625**	34.8 **1.370**	37.5 **1.476**	4.2 **0.165**	1.0 **0.040**
24	44.5 **1.750**	38.0 **1.496**	41.0 **1.614**	4.2 **0.165**	1.0 **0.040**
28	50.8 **2.000**	44.3 **1.744**	46.8 **1.843**	5.1 **0.201**	1.0 **0.040**
32	57.2 **2.250**	50.7 **1.996**	53.5 **2.106**	5.1 **0.201**	1.0 **0.040**
36	63.5 **2.500**	57.0 **2.244**	59.7 **2.350**	5.1 **0.201**	1.0 **0.040**
40	69.9 **2.75**	61.9 **2.44**	65.5 **2.58**	5.1 **2.01**	1.0 **0.040**

ABBMS
VG 95234 Style Crimp Contacts Pin

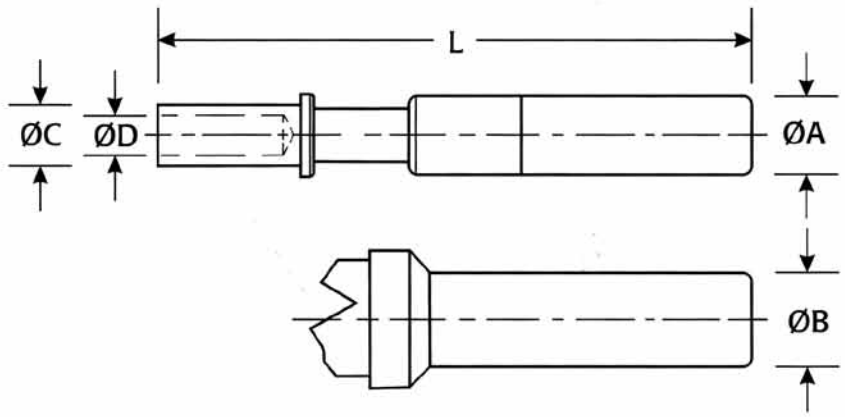


Metric **Imperial**

Contact size AWG (Metric)	Part number	ØA	ØB	ØC	Conductor CSA mm²	L
20 (10)	ABB-20-KPK	2.0 **0.079**	2.4 **0.094**	1.5 **0.059**	0.75/1.0 **0.030/0.039**	28.4 **1.119**
16 S (15S)	ABB-16S-KPK	3.2 **0.126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	27.4 **1.078**
16 (15)	ABB-16-KPK	3.2 **0126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	31.4 **1.236**
12/16	ABB-12/16-KPK	4.8 **0.189**	3.8 **0.150**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.0 **1.457**
12 (25)	ABB-12-KPK	4.8 **0.189**	3.8 **0.150**	2.5 **0.098**	2.5 **0.098**	37.0 **1.457**
(60)	ABB-60-KPK	7.6 **0.299**	6.8 **0.268**	3.5 **0.138**	6.0 **0.236**	39.6 **1.56**
8	ABB-8-KPK	7.6 **0.299**	6.8 **0.268**	4.55 **0.1.79**	9.0 **0.354**	39.6 **1.56**
(100)	ABB-100-KPK	7.6 **0.299**	6.8 **0.268**	4.8 **0.189**	10.0 **0.394**	39.6 **1.56**
(160)	ABB-160-KPK	11.2 **0.441**	9.55 **0.376**	6.2 **0.244**	16.0 **0.623**	39.6 **1.56**
4	ABB-4-KPK	11.2 **0.441**	9.55 **0.376**	7.1 **0.28**	22.0 **0.866**	39.6 **1.56**
(500)	ABB-500-KPK	15.15 **0.596**	14.35 **0.565**	10.7 **0.421**	50.0 **1.969**	41.0 **1.614**
0	ABB-0-KPK	15.15 **0.596**	14.35 **0.565**	11.5 **0.453**	53.0 **2.09**	41.0 **1.614**
0000	ABB-0000-KPK	22.0 **0.866**	21.3 **0.839**	16.75 **0.659**	120.0 **4.72**	48.0 **1.89**

The part numbers shown indicate silver plated contacts. For alternative finishes please consult factory.

ABBMS
VG 95234 Style Crimp Contacts Socket

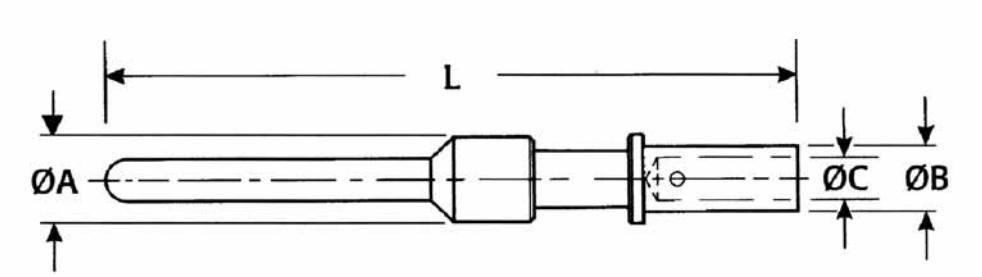


Metric **Imperial**

Contact size AWG (Metric)	Part number	ØA	ØB	ØC	ØD	Conductor CSA mm²	L
20 (10)	ABB-20-KSK	2.0 **0.079**	- **-**	2.4 **0.094**	1.5 **0.059**	0.75/1.0 **0.030/0.039**	36.8 **1.445**
16 S (15S)	ABB-16S-KSK	3.2 **0.126**	- **-**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	29.1 **1.146**
16 (15)	ABB-16-KSK	3.2 **0126**	- **-**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.8 **1.4.88**
12/16	ABB-12/16-KSK	4.8 **0.189**	- **-**	3.8 **0.150**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.0 **1.457**
12 (25)	ABB-12-KSK	4.8 **0.189**	- **-**	3.8 **0.150**	2.5 **0.098**	2.5 **0.098**	37.0 **1.457**
(60)	ABB-60-SKSK	7.6 **0.299**	6.5 **0.256**	6.8 **0.268**	3.5 **0.138**	6.0 **0.236**	40.1 **1.579**
8	ABB-8-SKSK	7.6 **0.299**	6.5 **0.256**	6.8 **0.268**	4.55 **0.179**	9.0 **0.354**	40.1 **1.579**
(100)	ABB-100-SKSK	7.6 **0.299**	6.5 **0.256**	6.8 **0.268**	4.8 **0.189**	10.0 **0.394**	40.1 **1.579**
(160)	ABB-160-SKSK	11.2 **0.441**	8.6 **0.339**	9.55 **0.376**	6.2 **0.244**	16.0 **0.623**	40.1 **1.579**
4	ABB-4-SKSK	11.2 **0.441**	8.6 **0.339**	9.55 **0.376**	7.1 **0.280**	22.0 **0.866**	40.1 **1.579**
(500)	ABB-500-SKSK	15.15 **0.596**	13.2 **0.520**	14.35 **0.565**	10.7 **0.421**	50.0 **1.969**	41.6 **1.638**
0	ABB-0-SKSK	15.15 **0.596**	13.2 **0.520**	14.35 **0.565**	11.5 **0.453**	53.0 **2.09**	41.6 **1.638**
0000	ABB-0000-KSK	22.0 **0.866**	19.15 **0.754**	21.3 **0.839**	16.75 **0.659**	120.0 **4.72**	48.6 **1.913**

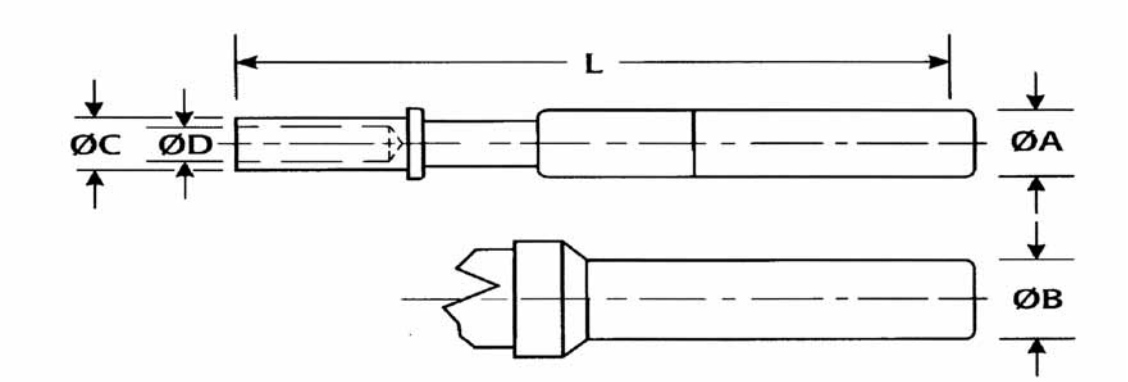
The part numbers shown indicate silver plated contacts. For alternative finishes please consult factory.

ABBMS
F80 Style Pin Contacts



Contact Size AWG (Metric)	Part Number	ØA	ØB	ØC	Conductor CSA mm²	L
16S	ABB 6S KPK F80	3.2 **0.126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	26.6 **1.047**
16/20	ABB 16/20 KPK F80	3.2 **0.126**	2.65 **0.104**	1.10 **0.043**	0.6 **0.024**	31.75 **1.25**
16	ABB 16 KPK F80	3.2 **0.126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	31.75 **1.25**
12/20	ABB 12/20 KPK F80	4.8 **0.189**	2.65 **0.104**	1.10 **0.043**	0.6 **0.024**	37.5 **1.476**
12/16	ABB 12/16 KPK F80	4.8 **0.189**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.5 **1.476**
12	ABB 12 KPK F80	4.8 **0.189**	3.8 **0.150**	2.5 **0.098**	2.5 **0.098**	37.5 **1.476**
12/10	ABB 12/10 KPK F80	4.8 **0.189**	4.0 **0.157**	2.7 **0.105**	4.0 **0.157**	37.5 **1.476**
8/10	ABB 8/10 KPK F80	7.8 **0.307**	5.2 **0.205**	2.9 **0.114**	4.0 **0.157**	40.7 **1.602**
(100/60)	ABB 100/60 KPK F80	7.8 **0.307**	5.5 **0.217**	3.4 **0.134**	6.0 **0.236**	40.7 **1.602**
(100)	ABB 100 KPK F80	7.8 **0.307**	7.0 **0.276**	4.4 **0.173**	10.0 **0.394**	40.7 **1.602**
(160)	ABB 160 KPK F80	11.0 **0.433**	9.45 **0.372**	5.7 **0.224**	16.0 **0.630**	41.25 **1.624**
(500/160)	ABB 500/160 KPK F80	15.0 **0.591**	9.45 **0.372**	5.7 **0.224**	16.0 **0.630**	44.5 **1.752**
(500/250)	ABB 500/250 KPK F80	15.0 **0.591**	10.0 **0.394**	7.0 **0.276**	25.0 **0.984**	44.5 **1.752**
(500/350)	ABB 500/350 KPK F80	15.0 **0.591**	14.35 **0.565**	9.0 **0.354**	35.0 **1.378**	44.5 **1.752**
(500)	ABB 500 KPK F80	15.0 **0.591**	14.35 **0.565**	9.8 **0.386**	50.0 **1.969**	44.5 **1.752**

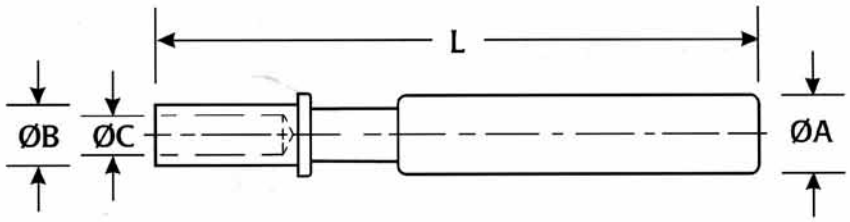
ABBMS
F80 Style Socket Contacts



Contact Size AWG (Metric)	Part Number	ØA	ØB	ØC	ØD	Conductor CSA mm²	L
16S	ABB 16S KSK F80	**3.2** **0.126**	**-**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	26.6 **1.047**
16/20	ABB 16/20 KSK F80	3.2 **0.126**	-	2.65 **0.104**	1.10 **0.049**	0.6 **0.024**	36.5 **1.437**
16	ABB 16 KSK F80	3.2 **0.126**	-	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	36.5 **1.437**
12/20	ABB 12/20 KSK F80	4.8 **0.189**	-	2.65 **0.104**	1.10 **0.049**	0.6 **0.024**	37.5 **1.476**
12/16	ABB 12/16 KSK F80	4.8 **0.189**	-	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.5 **1.476**
12	ABB 12 KSK F80	4.8 **0.189**	-	3.8 **0.150**	2.5 **0.098**	2.5 **0.098**	37.5 **1.476**
12/10	ABB 12/10 KSK F80	4.8 **0.189**	-	4.0 **0.157**	2.7 **0.106**	4.0 **0.157**	37.5 **1.476**
8/10	ABB 8/10 KSK F80	7.8 **0.307**	6.5 **0.256**	5.2 **0.204**	2.9 **0.114**	4.0 **0.157**	40.7 **1.602**
(100/60)	ABB 100/60 KSK F80	7.8 **0.307**	6.5 **0.256**	5.5 **0.217**	3.4 **0.134**	6.0 **0.236**	40.7 **1.602**
(100)	ABB 100 KSK F80	7.8 **0.307**	6.5 **0.256**	7.0 **0.276**	4.4 **0.173**	10.0 **0.394**	40.7 **1.602**
(160)	ABB 160 KSK F80	11.1 **0.437**	8.6 **0.339**	9.45 **0.372**	5.7 **0.224**	16.0 **0.630**	41.25 **1.624**
(500/160)	ABB 500/160 KSK F80	15.1 **0.594**	13.2 **0.52**	9.45 **0.372**	5.7 **0.224**	16.0 **0.630**	44.5 **1.752**
(500/250)	ABB 500/250 KSK F80	15.1 **0.594**	13.2 **0.52**	10.0 **0.394**	7.0 **0.276**	25.0 **0.984**	44.5 **1.752**
(500/350)	ABB 500/350 KSK F80	15.1 **0.594**	13.2 **0.52**	14.35 **0.565**	9.0 **0.354**	35.0 **1.378**	44.5 **1.752**
(500)	ABB 500 KSK F80	15.1 **0.594**	13.2 **0.52**	14.35 **0.565**	9.8 **0.386**	50.0 **1.969**	44.5 **1.752**

ABBMS

VG 95234 Style Crimp Contacts
Low Insertion Force Socket



Metric **Imperial**

Contact size AWG (Metric)	Part number	ØA	ØB	ØC	Conductor CSA mm²	L
16S	ABB-16S-KLK-P3	3.2 **0.126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	29.1 **1.146**
16/20	ABB-16/20-KLK-P3	3.2 **0.126**	2.6 **0.102**	1.2 **0.047**	0.6 **0.002**	37.8 **1.488**
16	ABB-16-KLK-P3	3.2 **0.126**	2.75 **0.108**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.8 **1.488**
12/16	ABB-12/16-KLK-P3	4.8 **0.189**	3.8 **0.150**	1.75 **0.069**	1.0/1.5 **0.039/0.059**	37.0 **1.457**
12	ABB-12-KLK-P3	4.8 **0.189**	3.8 **0.150**	2.5 **0.098**	2.5 **0.098**	37.0 **1.457**

The part numbers shown indicate gold plated contacts. For alternative finishes please consult factory.

ABBMS

Crimp Bucket Adaptors, Dummy Contacts & Grommet Filler Plugs

Crimp bucket adaptors

Part number	Crimp contact size	Wire size
ABB-1622-CBA	16S/16 AWG	22 AWG
ABB-1620-CBA	16S/16 AWG	20 AWG
ABB-1216-CBA	12 AWG	16 AWG
ABB-10012-CBA	100 metric	12 AWG
ABB-812-CBA	8 AWG	12 AWG
ABB-811-CBA	8 AWG	11 AWG
BB-810-CBA	8 AWG	10 AWG
ABB-46-CBA	4 AWG	6 AWG
ABB-460-CBA	4 AWG	6mm²
ABB-4100-CBA	4 AWG	10mm²
ABB-4160-CBA	4 AWG	16mm²
ABB-0500-CBA	0 AWG	50mm²

Solder contacts

Non-removable silver plated contacts with preloaded solder buckets.

Metric **Imperial**

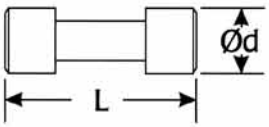
Contact size	Bucket inside dia. (mm) nominal	Max conductor CSA mm²
20	1.6 **0.063**	1.0 **0.039**
16S/16	1.85 **0.073**	1.5 **0.059**
12	2.95 **0.116**	2.5 **0.098**
8	5.31 **0.209**	9.0 **0.354**
4	8.35 **0.329**	22.0 **0.866**
0	12.0 **0.472**	53.0 **2.087**

Metric **Imperial**

Contact size - ** AWG (Metric)	L max	Ød max	L1 max	Ød1 max	L2 max	Ød2 max	Colour code
20 (10)	9.7 **0.382**	3.2 **0.126**	20.4 **0.803**	2.6 **0.102**	37.0 **1.457**	2.6 **0.102**	Red
16S (15S)	12.3 **0.484**	3.9 **0.154**	16.4 **0.646**	3.2 **0.126**	28.5 **1.122**	3.4 **0.134**	Blue
16 (15)	12.3 **0.484**	3.9 **0.154**	20.4 **0.803**	3.2 **0.126**	37.0 **1.457**	3.4 **0.134**	Blue
12 (25)	12.3 **0.484**	4.8 **0.189**	21.4 **0.843**	4.8 **0.189**	36.5 **1.437**	4.8 **0.189**	Yellow
8 (60/100)	12.3 **0.484**	6.0 **0.236**	**Dummy contacts not available**				White
4 (160)	**12.3** **0.484**	**8.7** **0.343**					Green
0 (500)	**12.3** **0.484**	**13.5** **0.531**					Black

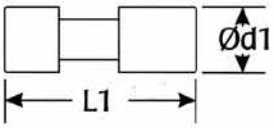
Grommet filler plugs

(ABB grommets only)



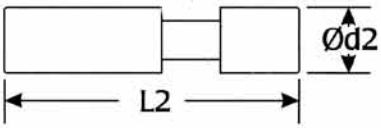
Part No: ABB-**-KFP
BS Style: A2538

Dummy pin



Part No: ABB-**-KDP
BS Style: A2540

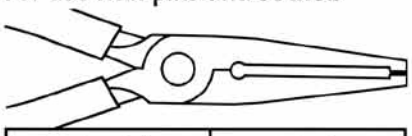
Dummy socket



Part No: ABB-**-KDS
BS Style: A2539

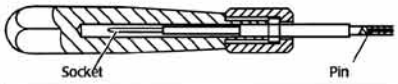
ABBMS
Tooling for Crimp Contacts

Insertion Tool
For use with pins and sockets



Contact size AWG (Metric)	Part number
20 (10)	ABB-IT-20
16/16S (15/15S)	ABB-IT-16
12 (25)	ABB-IT-12
8 (60/100)	Tool not required.
4 (160)	
0 (500)	

Extraction Tool
For use with pins and sockets



Contact size AWG (Metric)	Part number
20 (10)	ABB-ET-20
16/16S (15/15S)	ABB-ET-16
12 (25)	ABB-ET-12
8 (60/100)	Tool not required.
4 (160)	
0 (500)	

Socket contact guide pins

Contact size AWG (Metric)	Part number
20 (10)	ABB-20-SGP
16/16S (15/15S)	ABB-16-SGP
12 (25)	ABB-12-SGP
8 (60/100)	Not required.
4 (160)	
0 (500)	

Hand Tools

Contact size AWG (Metric)	Contact part number	Contact type	Hand crimp tool	Locator
20 (10)	*ABB-20-KPK	PIN	MS3191-A or alternative **M22520/1-01** Locators for this tool shown in bold type	600219 **600325**
20 (10)	*ABB-20-KSK	SKT		600219 **600325**
16 S (15S)	*ABB-16S-KPK	PIN		600093 **600324**
16 S (15S)	*ABB-16S-KSK	SKT		600094 **600325**
16 (15)	*ABB-16-KPK	PIN		600091 **600324**
16 (15)	*ABB-16-KSK	SKT		600092 **600325**
12 (25)	*ABB-12-KPK	PIN		600302 **600324**
12 (25)	*ABB-12-KSK	SKT		600216 **600325**

* AWG - Metric contacts are harmonised as the same part number.

Hydraulic Tools

Contact size AWG (Metric)	Contact part number	Contact type	Hydraulic crimp tool	Die set
8	ABB-8-KPK	PIN	ERMA type 19600	22390
8	ABB-8-SKSK	SKT		22390
(60)	ABB-60-KPK	PIN		22390
(60)	ABB-60-SKSK	SKT		22390
(100)	ABB-100-KPK	PIN		22390
(100)	ABB-100-SKSK	SKT		22390
4	ABB-4-KPK	PIN		22391
4	ABB-4-SKSK	SKT		22391
(160)	ABB-160-KPK	PIN		22391
(160)	ABB-160-SKSK	SKT		22391
0	ABB-0-KPK	PIN		22392
0	ABB-0-SKSK	SKT		22392
500	ABB-500-KPK	PIN		22392
500	ABB-500-SKSK	SKT		22392

AB Connectors Limited

Abercynon, Mountain Ash,
Rhondda Cynon Taff, CF45 4SF, UK.

Telephone: + 44(0) 1443 740331
Facsimile: + 44(0) 1443 741676
Email: sales@ttabconnectors.com
Website: www.ttabconnectors.com

AB Interconnect Inc.

PO Box 2240, 2500 Business Highway 70 East,
Smithfield, NC 27577, USA.

Telephone: + (1)919 934 5181
Facsimile: + (1)919 934 0652
Email: sales@abinterconnect.com
Website: www.abinterconnect.com

AB Connectors (Suzhou) Limited

158-29 Huashan Road, Feng Qiao Ind. Park,
Suzhou, Jiang Su Province, China 215129

Telephone: + 86 512 6661 1004
Facsimile: + 86 512 6661 3261 880
Email: sales@ttabconnectors.com
Website: www.ttabconnectors.com

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AB Connectors Limited

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