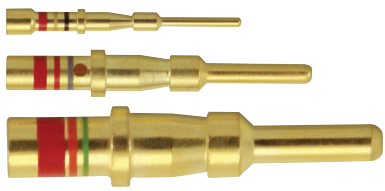
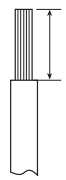
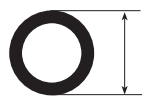
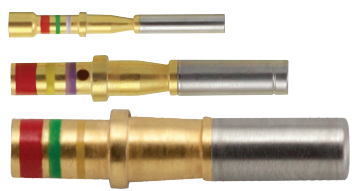
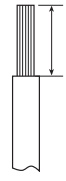



PIN & SOCKET CRIMP CONTACTS

CONTACT & WIRE SIZE		PIN CONTACT & COLOR BANDS				WIRE STRIP LENGTH	WIRE SEALING RANGE	
								
CONTACT SIZE	WIRE SIZE AWG	PIN CONTACT PART NUMBER	COLOR BANDS			WIRE STRIP LENGTH	WIRE SEALING RANGE	
			1	2	3		MIN.	MAX.
SE CRIMP CONTACTS								
20	20-24	M39029/31-240	Red	Yellow	Black	.275 (7.0)	.047 (1.2)	.083 (2.1)
16	16-20	M39029/31-228	Red	Red	Grey	.250 (6.4)	.066 (1.7)	.109 (2.7)
12	12-14	M39029/31-235	Red	Orange	Green	.250 (6.4)	.097 (2.5)	.142 (3.6)
20 Chromel	20-24	10-330940-01P	-	-	-			
20 Alumel	20-24	10-330940-02P	-	-	-			
20 Iron	20-24	10-330940-03P	-	-	-	.250 (6.4)	.047 (1.2)	.083 (2.1)
20 Constantan	20-24	10-330940-04P	-	-	-			
CE CRIMP CONTACTS								
20	20-24	10-189000-20F	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
20	16-20	10-195962-20F	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
16	16-20	10-189004-16F	-	-	-	.250 (6.4)	.066 (1.7)	.109 (2.7)
20 Chromel	20-24	10-252900-01P	-	-	-			
20 Alumel	20-24	10-252900-02P	-	-	-			
20 Iron	20-24	10-252900-03P	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
20 Constantan	20-24	10-252900-04P	-	-	-			

CONTACT & WIRE SIZE		SOCKET CONTACT & COLOR BANDS				WIRE STRIP LENGTH	WIRE SEALING RANGE	
								
CONTACT SIZE	WIRE SIZE AWG	SOCKET CONTACT PART NUMBER	COLOR BANDS			WIRE STRIP LENGTH	WIRE SEALING RANGE	
			1	2	3		MIN.	MAX.
SE CRIMP CONTACTS								
20	20-24	M39029/32-259	Red	Green	White	.275 (7.0)	.047 (1.2)	.083 (2.1)
16	16-20	M39029/32-247	Red	Yellow	Violet	.250 (6.4)	.066 (1.7)	.109 (2.7)
12	12-14	M39029/32-254	Red	Green	Yellow	.250 (6.4)	.097 (2.5)	.142 (3.6)
20 Chromel	20-24	10-330940-01S	-	-	-			
20 Alumel	20-24	10-330940-02S	-	-	-			
20 Iron	20-24	10-330940-03S	-	-	-	.250 (6.4)	.047 (1.2)	.083 (2.1)
20 Constantan	20-24	10-330940-04S	-	-	-			
CE CRIMP CONTACTS								
20	20-24	10-597817-351	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
20	16-20	10-195963-20F	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
16	16-20	10-189006-16F	-	-	-	.250 (6.4)	.066 (1.7)	.109 (2.7)
20 Chromel	20-24	10-252900-01S	-	-	-			
20 Alumel	20-24	10-252900-02S	-	-	-			
20 Iron	20-24	10-252900-03S	-	-	-	.275 (7.0)	.047 (1.2)	.083 (2.1)
20 Constantan	20-24	10-252900-04S	-	-	-			

All dimensions in inches (millimeters in parenthesis)

PIN & SOCKET CRIMP CONTACTS

WIRE HOLE FILLER		CRIMP TOOLS				INSERTION TOOL	EXTRACTION TOOL
		 <p>M22520/1-01 WA27F TH1A M22520/1-02</p>					
PART NUMBER	COLOR	HAND-CRIMP TOOL	POWER-CRIMP TOOL	TURRET HEAD	COLOR USE LOCATOR	INSERTION TOOL	EXTRACTION TOOL
SE CRIMP CONTACTS							
MS27488-20-2	Red	AF8 or M22520/1-01	WA27F*	TH1A or M22520/1-02	Red	M81969/17-03	M81969/19-07
MS27488-16-2	Blue				Blue	M81969/17-04	M81969/19-08
MS27488-12-2	Yellow				Yellow	M81969/17-05	M81969/19-09
MS27488-20-2	Red				Red	M81969/17-03	M81969/19-07
CE CRIMP CONTACTS							
MS27488-20-2	Red	AF8 or M22520/1-01	WA27F*	TH254	Red	11-6782	11-6900
MS27488-20-2	Red				Red	11-6782	
MS27488-16-2	Blue				Blue	11-6781	
MS27488-20-2	Red				Red	11-6782	
WIRE HOLE FILLER		CRIMP TOOLS				INSERTION TOOL	EXTRACTION TOOL
		 <p>AF8 WA27F TH1A M22520/1-02</p>					
PART NUMBER	COLOR	HAND-CRIMP TOOL	POWER-CRIMP TOOL	TURRET HEAD	COLOR USE LOCATOR	INSERTION TOOL	EXTRACTION TOOL
SE CRIMP CONTACTS							
MS27488-20-2	Red	AF8 or M22520/1-01	WA27F*	TH1A or M22520/1-02	Red	M81969/17-03	M81969/19-07
MS27488-16-2	Blue				Blue	M81969/17-04	M81969/19-08
MS27488-12-2	Yellow				Yellow	M81969/17-05	M81969/19-09
MS27488-20-2	Red				Red	M81969/17-03	M81969/19-07
CE CRIMP CONTACTS							
MS27488-20-2	Red	AF8 or M22520/1-01	WA27F*	TH254	Red	11-6782	11-6900
MS27488-20-2	Red				Red	11-6782	
MS27488-16-2	Blue				Blue	11-6781	
MS27488-20-2	Red				Red	11-6782	

*Contact us for more tool accessories.

PIN & SOCKET SOLDER COAX CONTACTS

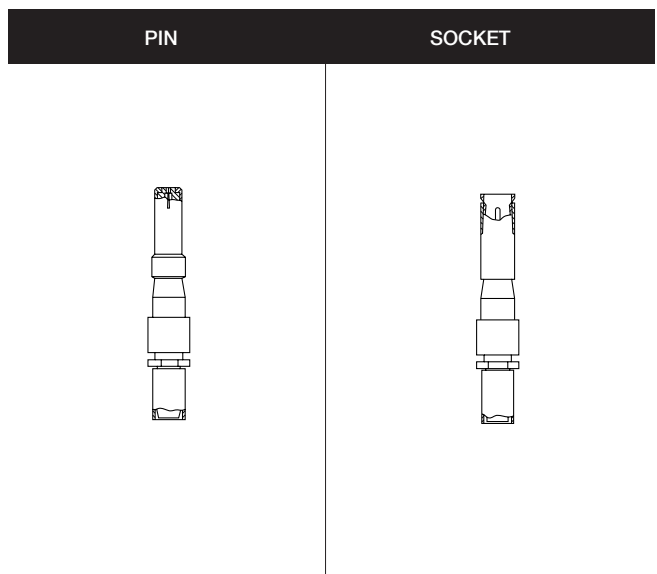
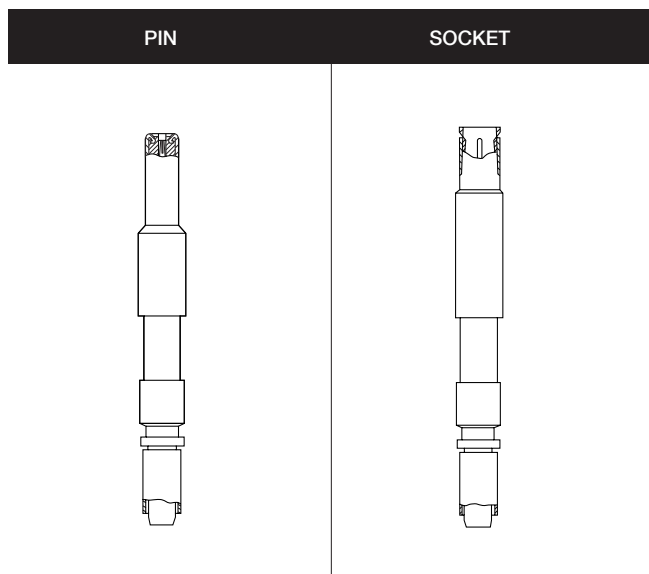
CABLE	CONTACT PART #		FITS IN SHELL SIZE	OUTER SHELL CRIMP FERRULE		CLAMP NUT WRENCH
	PIN	SOCKET		MIL-C_22520/5-01 USE WITH DIE PART # (LOCATOR CAVITY)	MIL-C22520/10-01 USE WITH DIE PART# (LOCATOR CAVITY)	
CONTACT SIZE 12						
RG-161/U	21-033020-032	21-033019-032	10-18	M22520/5-03 (A)	M22520/10-05 (A)	11-8676-1
RG-174A/U				M22520/5-08 (A)		
RG-179B/U				M22520/5-35 (B)		
RG-187A/U				M22520/5-03 (B)	M22520/10-05 (B)	
RG-188A/U						
RG-316/U						
RG-196A/U	21-033020-031+	21-033061-031+				
"Thermatics 2929-29"	21-033020-033	21-033061-033		M22520/5-37 (B)		
CONTACT SIZE 8						
RG-58C/U	21-033020-002	21-033019-002	10-18	M22520/5-05 (B)	M22520/10-07 (B)	11-8676-2
RG-141A/U				M22520/5-41 (B)		
RG-303/U	21-033020-003	21-033019-003		M22520/5-45 (B)	-	11-8676-3
RG-59B/U						
RG-62A/U						
RG-62B/U						
RG-210/U	21-033020-007*	21-033019-007*		M22520/5-43 (B)	-	11-8676-2
RG-142B/U						
Times MI51115						
RG-178B/U	21-033020-004	21-033019-004			M22520/5-03 (B)	M22520/10-05 (B)
				M22520/5-33 (B)		
RG-180B/U	21-033020-005*	21-033019-005*		M22520/5-05 (B)	M22520/10-07 (B)	11-8676-2
RG-195A/U			M22520/5-41 (B)			
Raychem - 5022D1312-9						
Raychem - 5021D1331-9	21-033020-006*	21-033019-006*		M22520/5-05 (B)	M22520/10-07 (B)	11-8676-2
				M22520/5-41 (B)		
RG-59B/U	21-033020-001	21-033019-001	20-24	M22520/5-45 (B)	-	11-8676-3
RG-62A/U						
RG-62B/U						
RG-210/U						

Note: Solder contacts are supplied with outer contact body bonded into the insert (insulator). Contact us for wire strip lengths and assembly instructions

- * Please check availability
- + Only mate with one another

SOLDER (PT)

CRIMP (PT-SE)



Note: Illustrations are for chart above.

Note: Illustrations are for chart on [page 135](#).

PIN & SOCKET SE CRIMP COAX CONTACTS

CABLE	INNER SOLDER CONTACT				HAND-CRIMP TOOL OUTER SHELL		CLAMP NUT WRENCH	INSERTION TOOL	EXTRACTION TOOL
	PINS		SOCKET		MIL-C22520/5-01	MIL-C22520/10-01			
	.00005 GOLD OVER SILVER	.00010 GOLD OVER COPPER	.00005 GOLD OVER SILVER	.00010 GOLD OVER COPPER	USE WITH DIE PART # (LOCATOR CAVITY)	USE WITH DIE PART # (LOCATOR CAVITY)			
CONTACT SIZE 12									
RG-161/U RG-174A/U RG-179B/U RG-187A/U RG-188A/U RG-316/U	21-033012-001 <i>21-033012-004</i>	21-033038-001 <i>21-033038-004</i>	21-033011-001 <i>21-033011-004</i>	21-033037-001 <i>21-033037-004</i>	-	M22520/10-05 (A)	11-8676-1	11-8369-2 11-8660-2	11-7880-12 11-8154-2
RG-178B/U RG-196A/U	21-033012-003* <i>21-033012-005</i>	21-033038-003* <i>21-033038-005</i>	21-033011-003* <i>21-033011-005</i>	21-033037-003* <i>21-033037-005</i>	-	M22520/10-05 (A)	11-8676-1	11-8369-1 11-8660-1	11-7880-12 11-8154-2
RG-188 or RG-316 Double Braid	21-033012-006* <i>21-033012-007</i>	21-033038-006* <i>21-033038-007</i>	21-033011-006* <i>21-033011-007</i>	21-033037-006* <i>21-033037-007</i>	M22520/5-37 (B)	-	11-8676-1	11-8369-2 11-8660-2	11-7880-12 11-8154-2
Westrex 199-49-1 Tensolite 30850/87T-1	N/A <i>21-033012-043</i>	N/A <i>21-033038-043</i>	N/A <i>21-033011-043</i>	N/A <i>21-033037-043</i>	-	M22520/10-05 (B)	11-8676-1	11-8369-1 11-8660-1	11-7880-12 11-8154-2
CONTACT SIZE 8									
RG-55B/U RG-142A/U RG-142B/U RG-223/U	21-033012-21 <i>21-033012-25</i>	21-033038-21 <i>21-033038-25</i>	21-033011-21 <i>21-033011-25</i>	21-033037-21 <i>21-033037-25</i>	-	M22520/10-07 (A)	11-8676-2	11-8369-5 11-8660-5	11-7880-8 11-8154-1
RG-58C/U RG-141A/U RG-303/U	21-033012-022 <i>21-033012-026</i>	21-033038-022* <i>21-033038-026*</i>	21-033011-022 <i>21-033011-026</i>	21-033037-022 <i>21-033037-026*</i>	-	M22520/10-07 (B)	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
RG-59B/U RG-62A/U RG-62B/U RG-210/U	N/A <i>21-033012-036</i>	N/A <i>21-033038-036*</i>	N/A <i>21-033011-036</i>	N/A <i>21-033037-036</i>	M22520/5-45 (B)	-	11-8676-2	11-8369-5 11-8660-5	11-7880-8 11-8154-1
RG-140/U RG-302/U	N/A <i>21-033012-037*</i>	N/A <i>21-033038-037*</i>	N/A <i>21-033011-037*</i>	N/A <i>21-033037-037*</i>	-	M22520/10-07 (A)	11-8676-2	11-8369-5 11-8660-5	11-7880-8 11-8154-1
RG-161/U RG-174A/U RG-179B/U RG-187A/U RG-188A/U RG-316/U	21-033012-034 <i>21-033012-030</i>	21-033038-034 <i>21-033038-030</i>	21-033011-034 <i>21-033011-030</i>	21-033037-034 <i>21-033037-030</i>	-	M22520/10-05 (A)	11-8676-2	11-8369-2 11-8660-2	11-7880-8 11-8154-1
RG-178B/U RG-196A/U	21-033012-035 <i>N/A</i>	21-033038-035 <i>N/A</i>	21-033011-035 <i>N/A</i>	21-033037-035 <i>N/A</i>	-	M22520/10-05 (A)	11-8676-2	11-8369-1 11-8660-1	11-7880-8 11-8154-1
RG-180B/U RG-195A/U	N/A <i>21-033012-046*</i>	N/A <i>21-033038-046*</i>	21-033011-024 <i>21-033011-046*</i>	21-033037-024 <i>21-033037-046*</i>	-	M22520/10-07 (B)	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
Thermax 50C25ADS1	N/A <i>21-033012-044</i>	N/A <i>21-033038-044*</i>	N/A <i>21-033011-044</i>	N/A <i>21-033037-044*</i>	M22520/05-37 (B)	-	11-8676-2	11-8369-5 11-8660-5	11-7880-8 11-8154-1
RG-195 Double Braid	21-033012-028 <i>N/A</i>	21-033038-028* <i>N/A</i>	21-033011-028 <i>N/A</i>	21-033037-028* <i>N/A</i>	M22520/05-43 (B)	-	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
RG-122/U Tyco 5022E5111	21-033012-023 <i>21-033012-027</i>	21-033038-023* <i>21-033038-027</i>	21-033011-023 <i>21-033011-027</i>	21-033037-023* <i>21-033037-027</i>	-	M22520/10-07 (B)	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
Tyco 9530D5314	21-033012-031 <i>N/A</i>	21-033038-031 <i>N/A</i>	21-033011-031 <i>N/A</i>	21-033037-031 <i>N/A</i>	-	M22520/10-07 (B)	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
Tyco 9527A1317	N/A <i>21-033012-039</i>	N/A <i>21-033038-039*</i>	N/A <i>21-033011-039</i>	N/A <i>21-033037-039*</i>	-	M22520/10-07 (B)	11-8676-2	11-8369-4 11-8660-4	11-7880-8 11-8154-1
Tyco 7527A1318	N/A <i>21-033012-040*</i>	N/A <i>21-033038-040*</i>	N/A <i>21-033011-040</i>	N/A <i>21-033037-040*</i>	-	M22520/10-05 (A)	11-8676-2	11-8369-2 11-8660-2	11-7880-8 11-8154-1

Italicized = Matched impedance contacts. *Contact us for availability.
Availability of coax contacts varies widely. Contact us for strip lengths and assembly instructions.