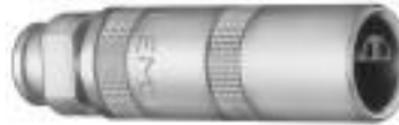


SUMMARY

Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	C52: 4.30 - 5.10 mm C62: 5,3 - 6,1 mm
Matching parts	FFA.1S.306.CLAC52



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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
Keying	Hermaphroditic keying ("half moon" insert), plug has male pin 1
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	SZ1.) C52: 4.3 - 5.1 mm SZ2.) C62: 5,3 - 6,1 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1S.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	7 Amps

Specifications

Contact Type: Solder
 Max. Matings: 5000
 Contact Dia.: 0.7 mm (0.028in)
 Bucket Dia.: 0.6 mm (0.024in)
 Max. Solid Conductor: 0.25 mm² (AWG 24)
 Max. Stranded Conductor: 0.14 mm² (AWG 26)
 R (max): 6.1 mOhm
 Vtest: 1500 V (AC), 2100 V (DC)

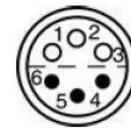
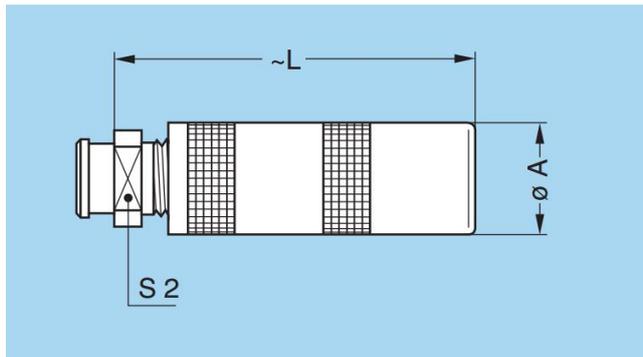
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Others

Endurance (Shell): 5000 mating cycles
 Temp (min / max): -55°C / +250°C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	C	L	S2
mm.	11.9	6.2	40.5	8.5
in.	0,47	0,24	1,59	0,33

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