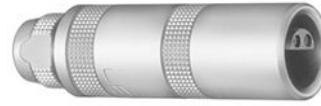


SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	1S
Termination type	Female solder
IP rating	50
Cable Ø	3.30 - 4.10 mm
Matching parts	FFA.1S.304.CLAC42

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	C42: 3.3 - 4.1 mm
Variant	

Performance

Configuration	1S.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	10 Amps

Specifications

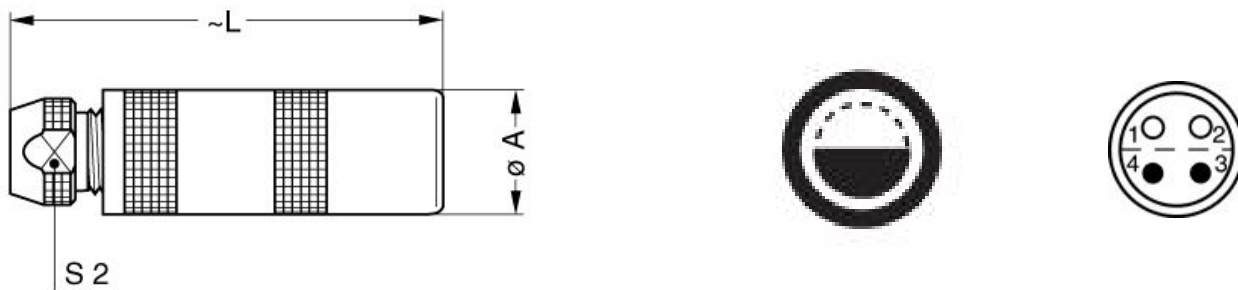
Contact Type:	Solder
Max. Matings:	5000
Contact Dia.:	0.9 mm (0.0354in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
R (max):	4.8 mOhm
Vtest:	1200 V (AC), 1800 V (DC)

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	L
mm.	14	45
in.	0,55	1,77

RECOMMENDED BY LEMO

Tools

Spanner wrench: MTZ.1S.132.085

Cables

004 260	PTFE	White	

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040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	
040 240	PTFE	White	