

SUMMARY

Wires

Low voltage 4

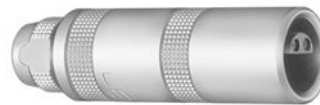


Image is for illustrative purpose only

Series	1S
Termination type	Female crimp
IP rating	50
AWG wire size	24.00 - 20.00
Cable Ø	5.20 - 6.20 mm
Status	active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle, cable collet
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	21.84 g

Performance

Configuration	1S.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	10 Amps

Specifications

Contact Type: Crimp
Vtest: 1200 V (AC), 1800 V (DC)

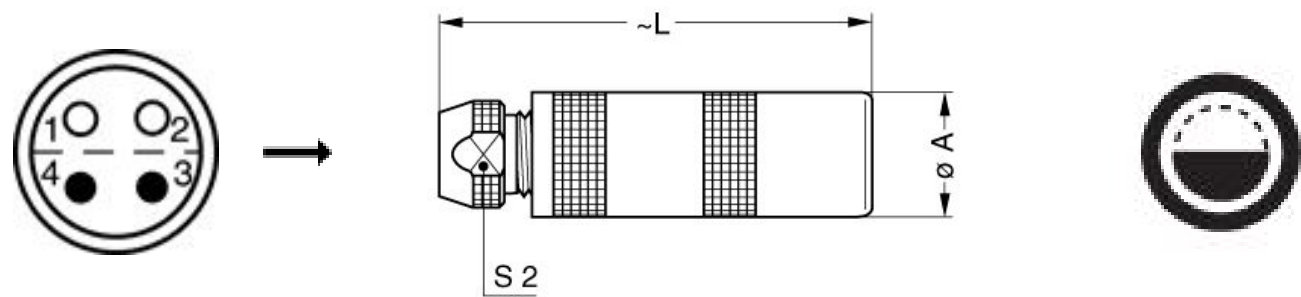
Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +250°C
Humidity (max): <=95% [at 60 deg C / 140 F]

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Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Salt Spray Corrosion: >144 hr

DRAWINGS



Dimensions

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

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 20-22-24/6-5-5
- Positionner: [DCE.91.091.BVC](#), [DCE.91.091.BVM](#)
- Extractor: [DCF.91.090.2LT](#)
- Replacement contact: FGG.1B.560.ZZC / EGG.1B.660.ZZM
- Spanner wrench: [DCD.1S.015.PA085](#)

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Cables

4080	PVC	Grey	
4220	PVC	Black	

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