

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	0S
Termination type	Female solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	4.30 - 5.20 mm
Status	active
Matching parts	FFA.0S.303.CLAK52

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PCA*: Free receptacle with oversize 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	12.03 g

Performance

Configuration	0S.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

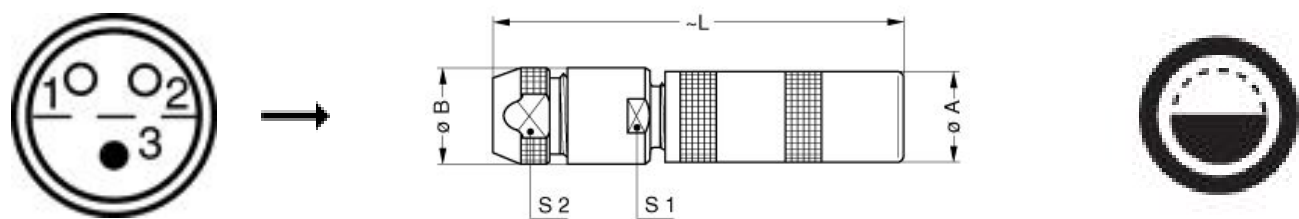
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm² (AWG 24)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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]
- 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	B	L	S1	S2
mm.	8.9	10	44.5	9	8.5
in.	0,35	0,39	1,75	0,35	0,33

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.05.005.PA065](#)

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Cables

130250	PVC	Grey	
30260	PVC	Black	
60080	PVC	Grey	

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