

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

Series	0S
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	3.80 - 4.40 mm
Status	active
Alternative part	FLA.0S.303.CLAC44
Matching parts	ERA.0S.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FLA*: Elbow plug, cable collet
Keying	Hermaphroditic keying (half moon insert) with male 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	14.29 g

Performance

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

Specifications

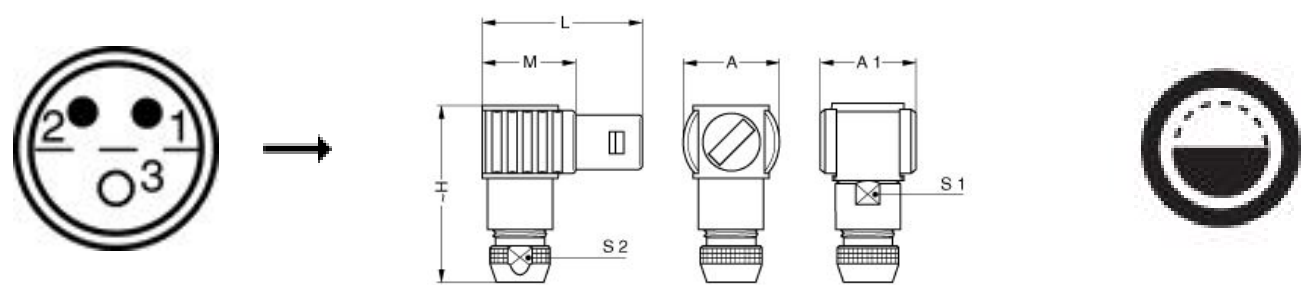
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.6 mm (0.024in)
Max. Solid Conductor: 0.25 mm² (AWG 24)
Max. Stranded Conductor: 0.14 mm² (AWG 26)
R (max): 6.1 mOhm
Vtest: 1060 V (AC), 1500 V (DC)

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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	A1	H	L	M	S1	S2
mm.	13	13	24.5	23	13	8	6.5
in.	0,51	0,51	0,96	0,91	0,51	0,31	0,26

RECOMMENDED BY LEMO

Tools

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Cables

30110	PVC	Grey	
30260	PVC	Black	
3280	PVC	Black	

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