

SUMMARY

Wires



Image is for illustrative purpose only

Series	0S
Termination type	Male solder
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	3.30 - 4.10 mm
Status	active
Alternative part	FFA.0S.303.CLAL44
Matching parts	ERA.0S.303.CLL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight 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	7.64 g

Performance

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

Specifications

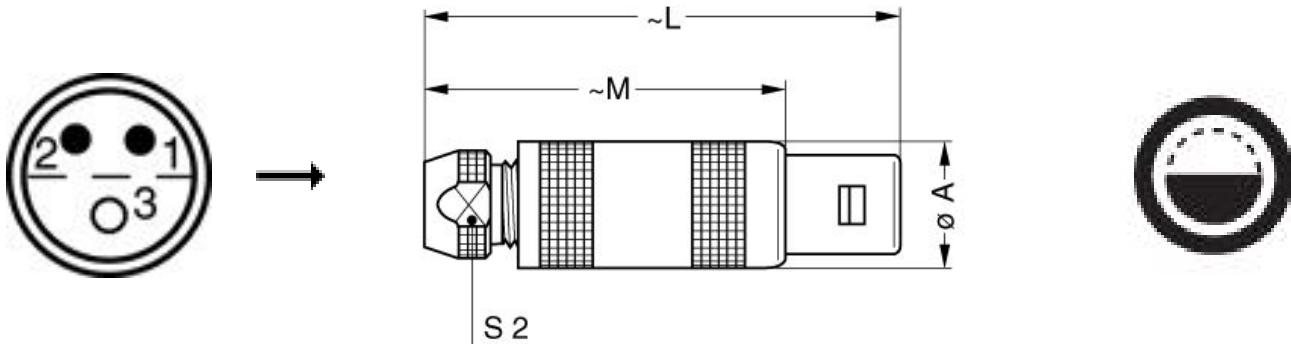
Contact Type:	Solder
Contact Dia.:	0.7 mm (0.028in)
Bucket Dia.:	0.6 mm (0.024in)
Max. Solid Conductor:	0.25 mm ² (AWG 24)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	6.1 mOhm
Vtest:	1060 V (AC), 1500 V (DC)

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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	L	M	S2
mm.	9	34.5	24.5	6.5
in.	0,35	1,36	0,96	0,26

RECOMMENDED BY LEMO

Tools

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

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Cables

30110	PVC	Grey	
3280	PVC	Black	

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