

SUMMARY

Wires

Low voltage	1
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Image is for illustrative purpose only

Series	4S
Termination type	Male solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	10.10 - 11.00 mm
Status	active
Matching parts	ERA.4S.140.CTL

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FFA*: Straight plug, cable collet
Keying	Circular, male
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	138.27 g

Performance

Configuration	4S.140 : 1 Low Voltage
Insulator	T: PTFE
Rated Current	46 Amps

Specifications

Contact Type:	Solder
Vtest:	3000 V (AC), 4200 V (DC)
Vtest (contact-shell):	3000 V (AC), 4200 V (DC)
Vtest (contact-contact):	3000 V (AC), 4200 V (DC)

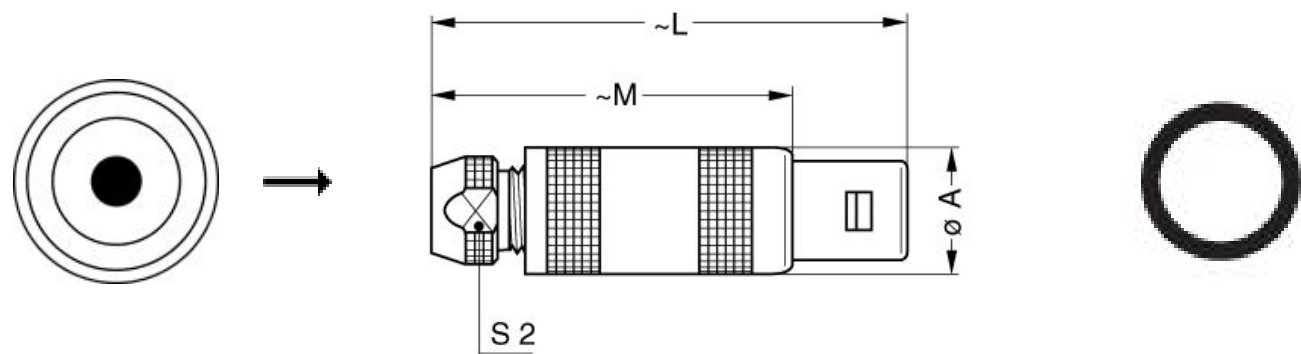
Others

Endurance (Shell):	5000 mating cycles
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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.	24.8	77	59	19
in.	0,98	3,03	2,32	0,75

RECOMMENDED BY LEMO

Tools

Caps: [BFA.4S.100.NAS](#)

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