

SUMMARY

Wires

Low voltage	1
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Image is for illustrative purpose only

Series	1S
Termination type	Female solder
IP rating	50
AWG wire size	0.00 - 16.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.1S.120.CLAC37Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	ERN*: Fixed receptacle, nut fixing, with grounding tab
Keying	Circular, female
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	8.78 g

Performance

Configuration	1S.120 : 1 Low Voltage
Insulator	T: PTFE
Rated Current	18 Amps

Specifications

Contact Type:	Solder
Vtest (contact-shell):	1800 V (AC), 2550 V (DC)
Vtest (contact-contact):	1800 V (AC), 2550 V (DC)

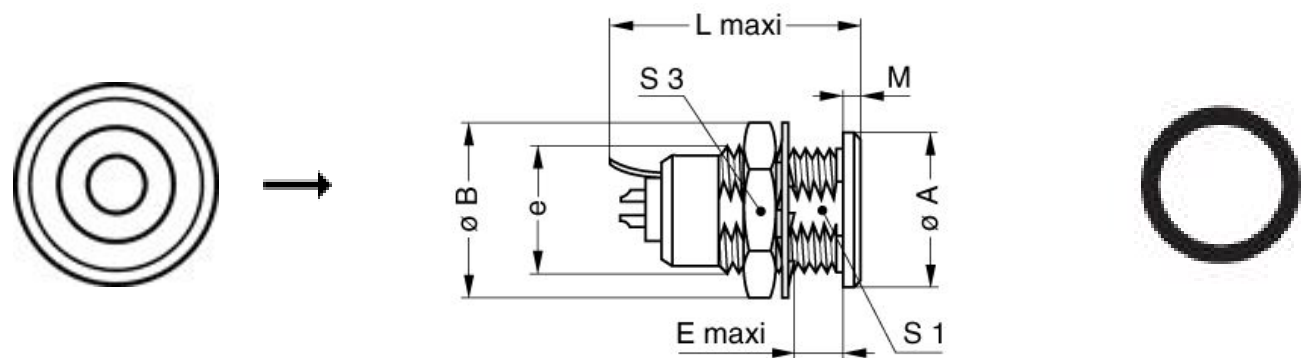
Others

Endurance (Shell):	5000 mating cycles
Temp (min / max):	-55°C / +250°C

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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: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	14	16	7.5	22.4	1.5	10.5	14	M12x1.0
in.	0,55	0,63	0,30	0,88	0,06	0,41	0,55	

RECOMMENDED BY LEMO

Tools

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