

SUMMARY

Wires

Low voltage	1
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Image is for illustrative purpose only

Series	3S
Termination type	Female solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FFA.3S.140.CLAL11

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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	25.94 g

Performance

Configuration	3S.140 : 1 Low Voltage
Insulator	T: PTFE
Rated Current	43 Amps

Specifications

Contact Type: Solder
Vtest (contact-shell): 2400 V (AC), 3300 V (DC)
Vtest (contact-contact): 2400 V (AC), 3300 V (DC)
□

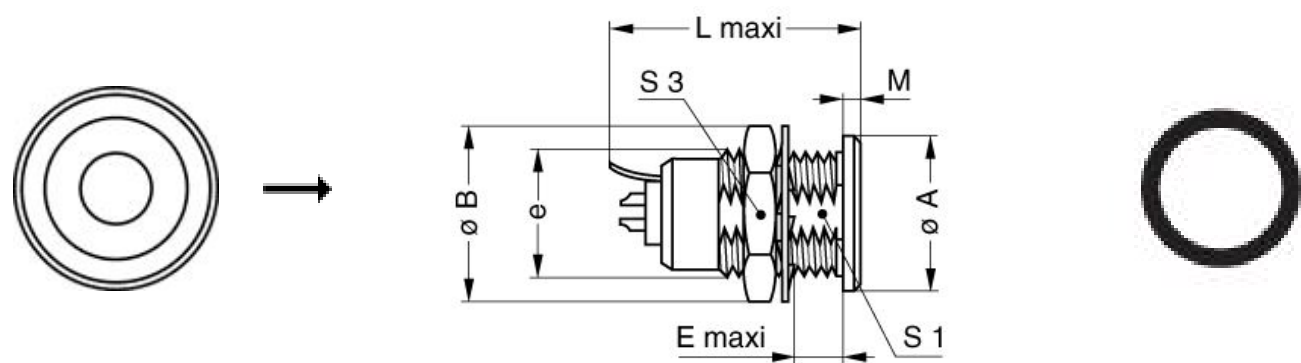
Others

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: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	M	S1	S3	e
mm.	22	25.2	11.5	29.8	2	16.5	22	M18x1.0
in.	0,87	0,99	0,45	1,17	0,08	0,65	0,87	

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Tools

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