

SUMMARY

Wires

Low voltage	4
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Image is for illustrative purpose only

Series	3B
Termination type	Female solder
IP rating	50
AWG wire size	22.00 - 14.00
Cable Ø	9.90 - 11.00 mm
Status	active
Matching parts	FGG.3B.304.CLAD11

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
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

Performance

Configuration	3B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	19 Amps

Specifications

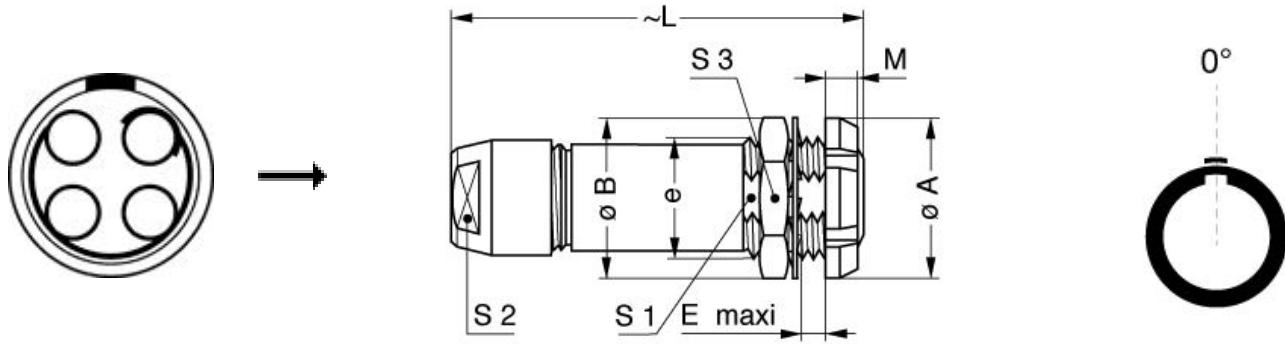
Contact Type:	Solder
Contact Dia.:	2 mm (0.079in)
Bucket Dia.:	1.8 mm (0.071in)
Max. Solid Conductor:	1.5 mm ² (AWG 14)
Max. Stranded Conductor:	1.5 mm ² (AWG 16)
R (max):	3.3 mOhm
Vtest (contact-shell):	1250 V (AC), 1770 V (DC)
Vtest (contact-contact):	1450 V (AC), 2050 V (DC)

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Others

Endurance (Shell): 5000
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	S2	S3	e
mm.	24	25	9	56	4.5	16.5	14	22	M18x1.0
in.	0,94	0,98	0,35	2,20	0,18	0,65	0,55	0,87	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.3B.040.PA140](#)

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