

SUMMARY

Wires

Low voltage	2
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Image is for illustrative purpose only

Series	3B
Termination type	Female solder
IP rating	50
AWG wire size	18.00 - 10.00
Cable Ø	10.80 - 11.90 mm
Status	active
Matching parts	FGG.3B.302.CLAD12

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet
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
Weight	55.31 g

Performance

Configuration	3B.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	35 Amps

Specifications

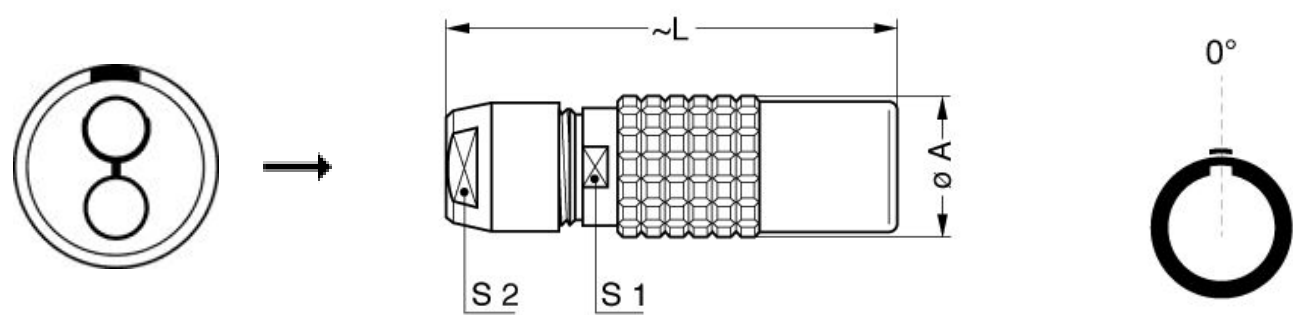
Contact Type:	Solder
Contact Dia.:	3 mm (0.118in)
Bucket Dia.:	2.7 mm (0.106in)
Max. Solid Conductor:	4 mm ² (AWG 10)
Max. Stranded Conductor:	4 mm ² (AWG 12)
R (max):	3.1 mOhm
Vtest (contact-shell):	1500 V (AC), 2120 V (DC)
Vtest (contact-contact):	2100 V (AC), 2970 V (DC)

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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	L	S1	S2
mm.	19	56	15	14
in.	0,75	2,20	0,59	0,55

RECOMMENDED BY LEMO

Tools

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

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