

SUMMARY

Wires

Low voltage	7
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Image is for illustrative purpose only

Series	2B
Termination type	Female solder
IP rating	50
AWG wire size	28.00 - 20.00
Cable Ø	7.30 - 8.20 mm
Status	active
Matching parts	FGG.2B.307.CLAD82

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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	38.83 g

Performance

Configuration	2B.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	11 Amps

Specifications

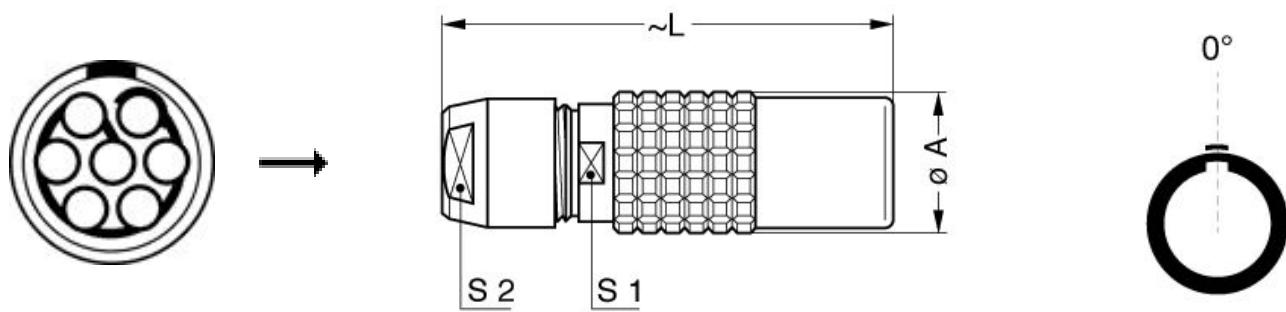
Contact Type:	Solder
Contact Dia.:	1.3 mm (0.051in)
Bucket Dia.:	1 mm (0.039in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.5 mm ² (AWG 20)
R (max):	3.6 mOhm
Vtest (contact-shell):	1600 V (AC), 2250 V (DC)
Vtest (contact-contact):	1750 V (AC), 2500 V (DC)

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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.	16.5	47	13	12
in.	0,65	1,85	0,51	0,47

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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Cables

370500	PVC	Grey	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	

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