

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series	0B
Termination type	Female solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	3.30 - 4.20 mm
Status	active
Matching parts	EGJ.0B.309.CLA

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	JG*: Straight plug short with cable collet
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male 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	6.87 g

Performance

Configuration	0B.309 : 9 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

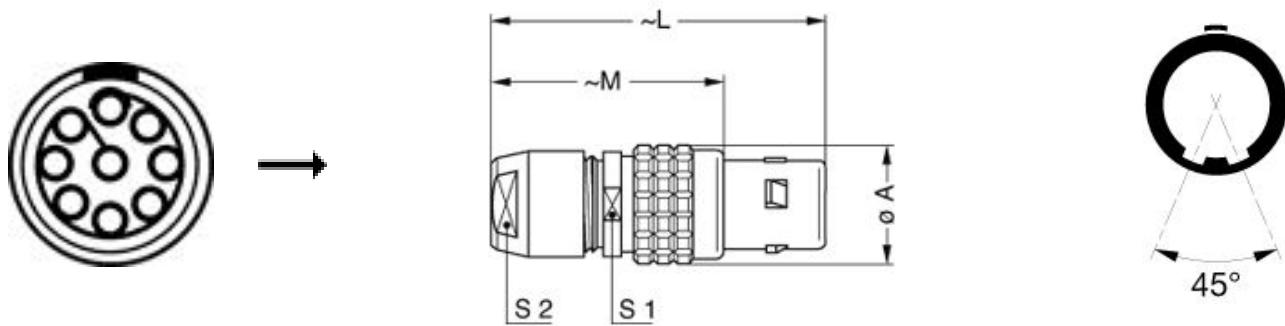
Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm² (AWG 28)
Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 500 V (AC), 710 V (DC)
Vtest (contact-contact): 600 V (AC), 850 V (DC)

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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	M	S1	S2
mm.	9.5	32	22.0	8	7
in.	0,37	1,26	0,87	0,31	0,28

RECOMMENDED BY LEMO

Tools

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