

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series	0B
Termination type	Female print PCB
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0B.309.CLAD42

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (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
Variant	PV : Watertight / Vacuum-tested
Weight	5.65 g

Performance

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

Specifications

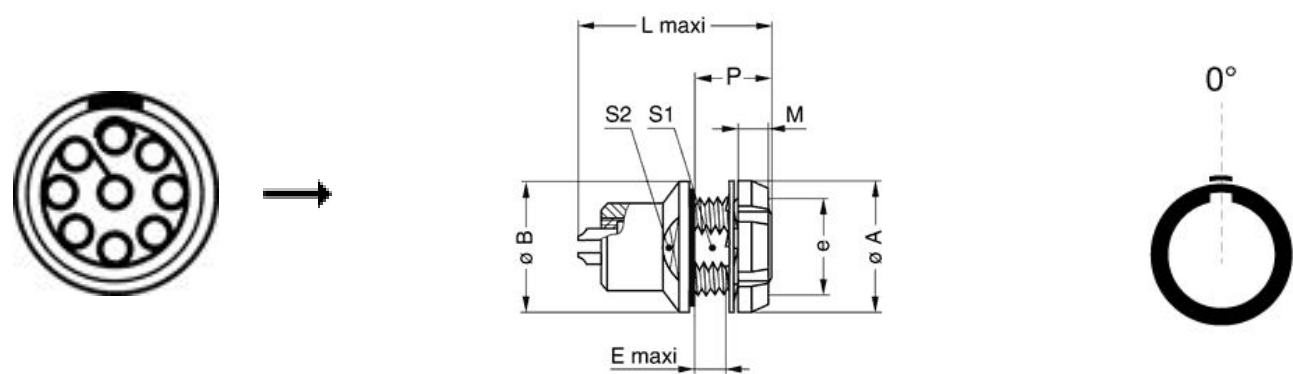
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 500 V (AC), 710 V (DC)
Vtest (contact-contact): 600 V (AC), 850 V (DC)

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Others

- Endurance (Shell): 5000
- Temp (min / max): -20°C / +100°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: 20/80/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)
- Salt Spray Corrosion: >1000 hr
- Pressure: 60 bars

DRAWINGS



Dimensions

	A	B	E	L	M	P	S1	e
mm.	12	13	5.5	19.5	2.5	9.0	8.2	M9x0.6
in.	0,47	0,51	0,22	0,77	0,10	0,35	0,32	

RECOMMENDED BY LEMO

Tools

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