

SUMMARY

Wires

Low voltage 9



Image is for illustrative purpose only

Series 0B
Termination type Female print PCB
IP rating 50
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 EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Weight 11.11 g

Performance

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

Specifications

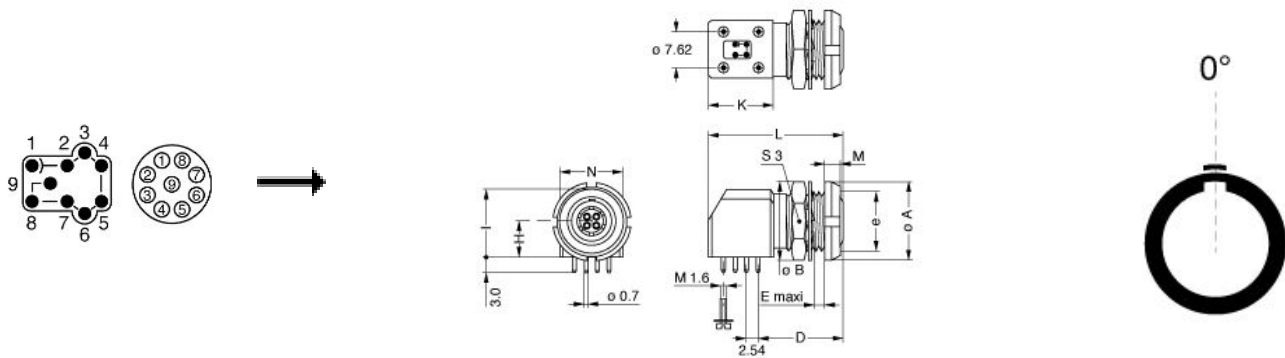
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Test voltage contact-contact : 0.6 kV rms
Test voltage contact-body shell : 0.5 kV rms

Others

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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: >144 hr

DRAWINGS



Dimensions

	A	B	D	E	H	I	K	L	M	N	S3	e
mm.	12	12.4	14.6	4.5	6.7	12.6	13.3	25	2.5	11.7	11	M9x0.6
in.	0,47	0,49	0,57	0,18	0,26	0,50	0,52	0,98	0,10	0,46	0,43	

RECOMMENDED BY LEMO

Tools

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