

SUMMARY

Wires

Low voltage 7

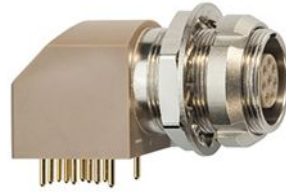


Image is for illustrative purpose only

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.307.CLAD32](#)

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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 11.07 g

Performance

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

Specifications

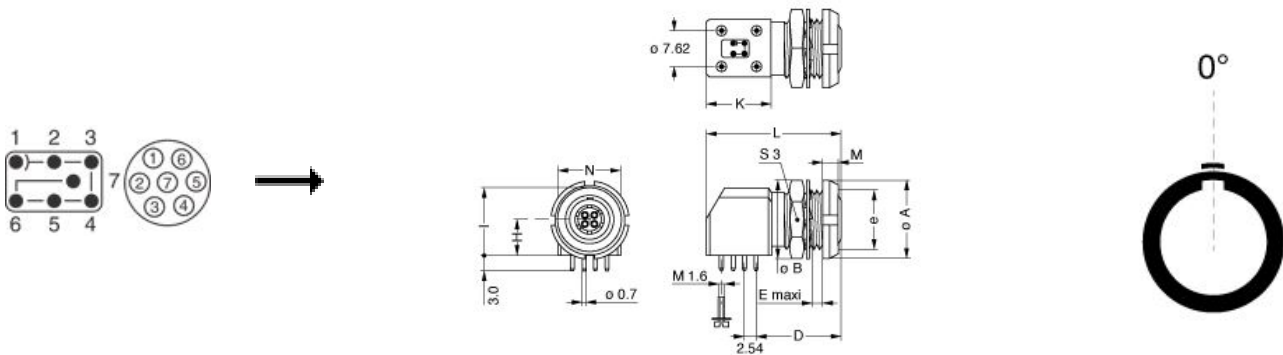
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Test voltage contact-contact : 1 kV rms
Test voltage contact-body shell : 1 kV rms

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
 12NC part number: 4022.438.73511

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

Spanner wrench: [Socket for torque wrench DCM.0S.M09.4](#)

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