

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 | FGA.0B.307.CLAD42 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | EY*: Fixed receptacle for printed circuit, nut fixing (back panel mounting) |
| Keying | 2 keys (alpha=30, 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 | 7.56 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0B.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 2.5 Amps |

Specifications

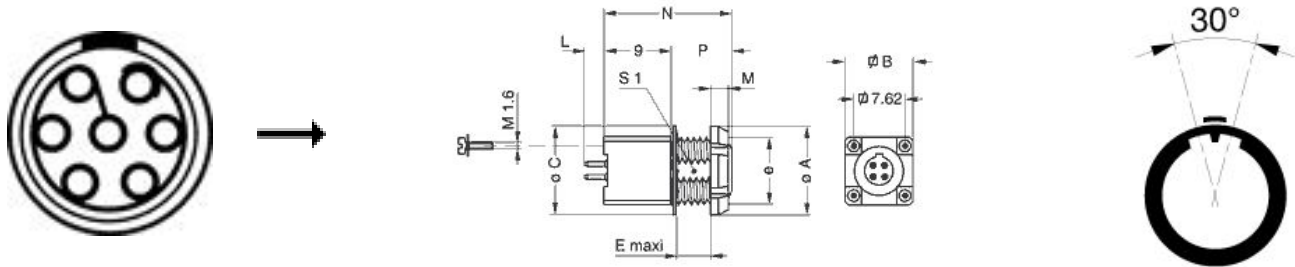
Contact Type: Print (straight)
Contact Dia.: 0.5 mm (0.02in)
R (max): 8.7 mOhm
Vtest (contact-shell): 700 V (AC), 990 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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: >1000 hr

DRAWINGS



Dimensions

| | A | B | C | D | E | M | N | P | S1 | e |
|-----|------|------|------|------|------|------|------|------|------|--------|
| mm. | 12 | 10 | 12.5 | 7.62 | 2.6 | 2.5 | 15 | 6 | 8.2 | M9x0.6 |
| in. | 0,47 | 0,39 | 0,49 | 0,30 | 0,10 | 0,10 | 0,59 | 0,24 | 0,32 | |

RECOMMENDED BY LEMO

Tools

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