

SUMMARY



Image is for illustrative purpose only

Wires

| | |
|---------|---|
| Low | 7 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|-------------------|
| Series | 0B |
| Termination type | Female solder |
| IP rating | 50 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.0B.307.CLAD25 |
| Status | active |
| Alternative part | |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | EF*: Fixed receptacle, nut fixing, with two flats on the shell and O-ring (back panel mounting) |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅ 0 - 0 mm |
| Variant | |
| Weight | 5.33 g |

Performance

| | |
|---------------|--|
| Configuration | 0B.307 : 7 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 2.5 Amps |

Specifications

Contact Type: Solder
Max. Matings: 3000

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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): #700 V (AC), 990 V (DC)
 Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

| | A | B | E | L | M | N | P | S2 | e |
|-----|------|------|------|------|------|------|------|------|--------|
| mm. | 12 | 12.5 | 5.5 | 20.7 | 2.5 | 19.1 | 9 | 8 | M9x0.6 |
| in. | 0,47 | 0,49 | 0,22 | 0,81 | 0,10 | 0,75 | 0,35 | 0,31 | |









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RECOMMENDED BY LEMO

Tools

None

Cables

| | | | |
|--------------------|-----|-------|---|
| CMN.07.S34.027JGC | | | |
| CMN.07.T28.044PGCE | PVC | GREY |  |
| CMN.07.T28.044PGZE | | Grey |  |
| CMN.07.T28.044PNCE | PVC | Black |  |
| CMN.07.T28.044PNZE | | |  |
| 007 041 | PVC | Grey |  |
| 007 050 | PVC | Black |  |
| 717 920 | PVC | Grey |  |
| CTR.75.030.121875G | PVC | Grey |  |

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