

SUMMARY

Wires

Low voltage 3



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 0B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 3.30 - 4.20 mm |
| Status | obsolete |
| Alternative part | PHG.0B.303.CLLD42 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle, cable collet |
| 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 |
| Weight | 10.09 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 0B.303 : 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 8 Amps |

Specifications

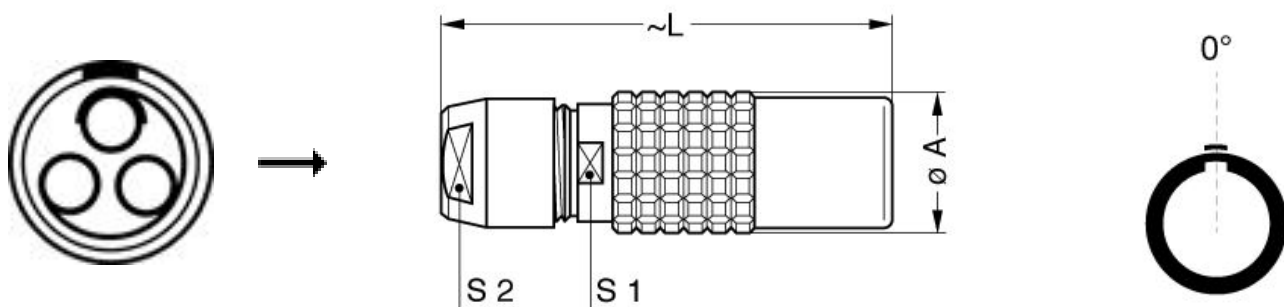
Contact Type: Solder
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.0 mm (0.039in)
Max. Solid Conductor: 0.56 mm² (AWG 20)
Max. Stranded Conductor: 0.56 mm² (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 900 V (AC), 1270 V (DC)
Vtest (contact-contact): 1200 V (AC), 1700 V (DC)

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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]
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 | L | S1 | S2 |
|-----|------|------|------|------|
| mm. | 9.5 | 35.5 | 8 | 7 |
| in. | 0,37 | 1,40 | 0,31 | 0,28 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.0B.005.PA070](#)

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Cables

| | | | |
|-------|-----|-------|---|
| 30110 | PVC | Grey |  |
| 3280 | PVC | Black |  |

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