

SUMMARY

Wires

Low voltage 2



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 2B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 22.00 - 14.00 |
| Cable Ø | 8.30 - 9.20 mm |
| Status | active |
| Matching parts | FGG.2B.302.CLAD92Z |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PH*: Free receptacle, cable collet and nut for fitting a bend relief |
| 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 |
| Variant | Z : Nut for fitting a bend relief |
| Weight | 37.73 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.302 : 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 25 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 1.8 mm (0.071in)
Max. Solid Conductor: 1.5 mm² (AWG 14)
Max. Stranded Conductor: 1.5 mm² (AWG 16)
R (max): 3.3 mOhm

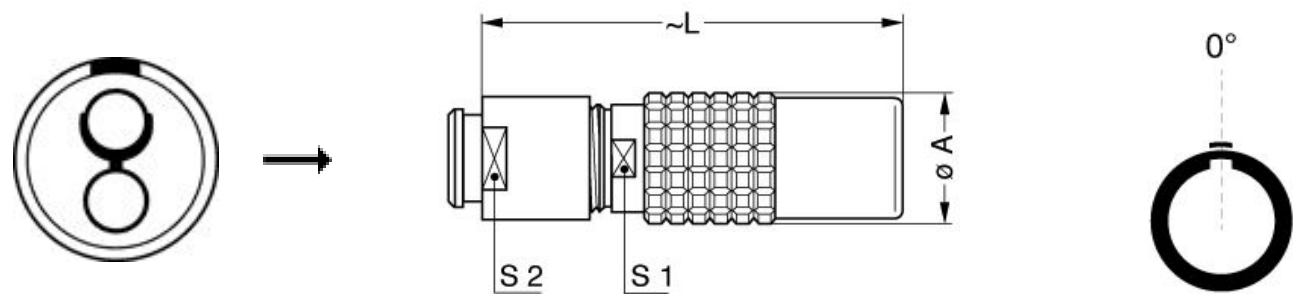
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Vtest (contact-shell): 1750 V (AC), 2500 V (DC)
Vtest (contact-contact): 2100 V (AC), 2970 V (DC)

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]
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. | 16.5 | 46 | 13 | 12 |
| in. | 0,65 | 1,81 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

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Spanner wrench:

[DCD.2B.025.PA120](#)

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