

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 2B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 5.30 - 6.20 mm |
| Status | active |
| Matching parts | FGG.2B.304.CLAD62Z |

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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 | 39.11 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.304 : 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 15 Amps |

Specifications

Contact Type: Solder
Contact Dia.: 1.3 mm (0.051in)
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm² (AWG 20)
Max. Stranded Conductor: 0.5 mm² (AWG 20)
R (max): 3.6 mOhm

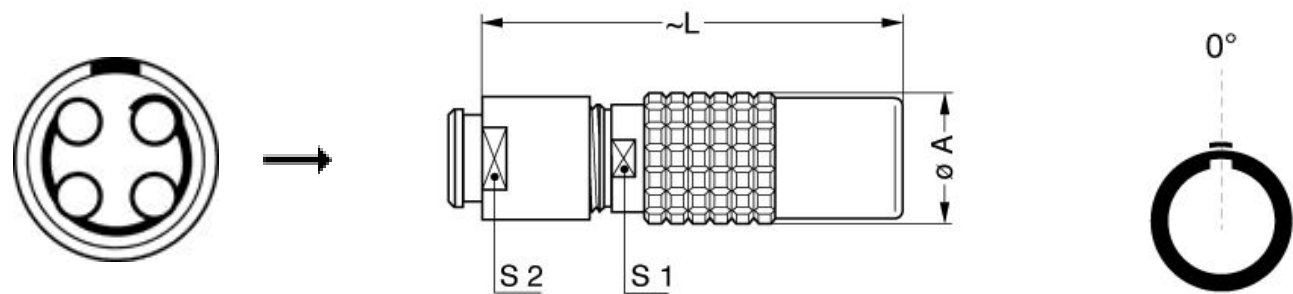
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Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
Vtest (contact-contact): 1850 V (AC), 2600 V (DC)

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 |






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Tools

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Spanner wrench: [DCD.2B.025.PA120](#)

Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.04.T20.053PGZE | | Grey |  |
| CMN.04.T20.053PNZE | | |  |
| CMN.04.T20.053QGZE | TPR (medical) | Grey |  |
| 240500 | PVC | Grey |  |
| 4220 | PVC | Black |  |

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