

SUMMARY

Wires

Low voltage 14



Image is for illustrative purpose only

| | |
|------------------|-----------------------------------|
| Series | 2B |
| Termination type | Female solder |
| IP rating | 50 |
| AWG wire size | 30.00 - 22.00 |
| Cable Ø | 5.30 - 6.20 mm |
| Status | active |
| Matching parts | FGG.2B.314.CLAD62 |

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TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | PF*: Fixed receptacle, with two nuts, cable collet (back panel mounting) |
| 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 | 29.58 g |

Performance

| | |
|---------------|---------------------------|
| Configuration | 2B.314 : 14 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 6.5 Amps |

Specifications

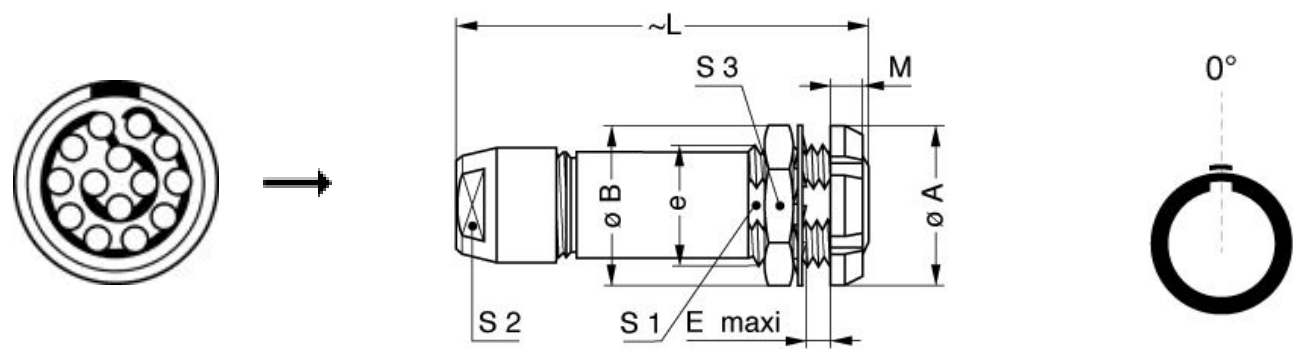
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1150 V (AC), 1630 V (DC)

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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 | B | E | L | M | S1 | S2 | S3 | e |
|-----|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 20 | 6.5 | 47 | 3.5 | 13.5 | 12 | 17 | M15x1.0 |
| in. | 0,79 | 0,79 | 0,26 | 1,85 | 0,14 | 0,53 | 0,47 | 0,67 | |



RECOMMENDED BY LEMO

Tools

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

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Cables

| | | | |
|--------------------|---------------|-------|---|
| CMN.14.T28.056PGZE | | Grey |  |
| CMN.14.T28.056PNZE | | |  |
| CMN.14.T28.056QGZE | TPR (medical) | Grey |  |
| 114260 | PTFE | White |  |
| 214240 | PTFE | White |  |

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