

SUMMARY

Wires

Low voltage 4



Image is for illustrative purpose only

| | |
|------------------|------------------------------------|
| Series | 2B |
| Termination type | Male solder |
| IP rating | 50 |
| AWG wire size | 28.00 - 20.00 |
| Cable Ø | 2.20 - 3.20 mm |
| Status | obsolete |
| Alternative part | FGG.2B.304.CLAM32Z |
| Matching parts | EGG.2B.304.CLL |

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[See video assembly instructions](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | FG*: Straight plug, 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 |

Performance

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

Specifications

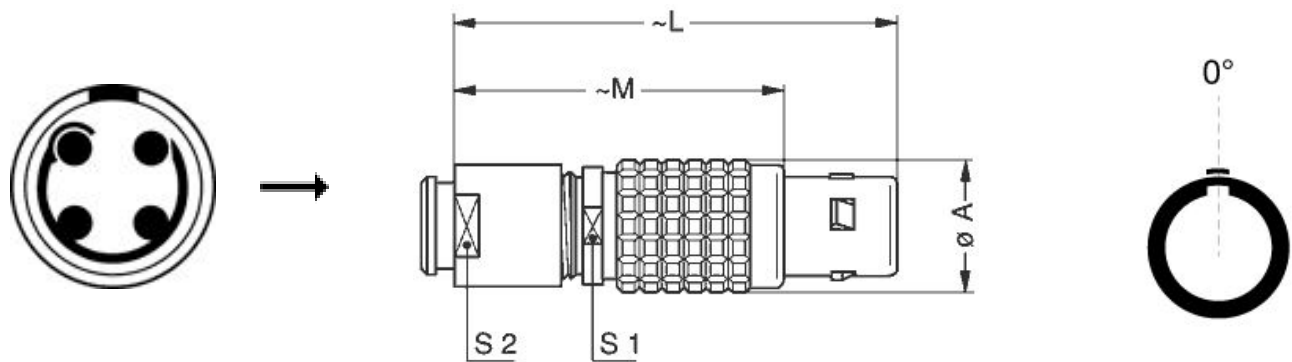
| |
|---|
| Contact Type: Solder |
| Contact Dia.: 1.3 mm (0.051in) |
| Bucket Dia.: 1 mm (0.039in) |
| Max. Solid Conductor: 0.5 mm ² (AWG 20) |
| Max. Stranded Conductor: 0.5 mm ² (AWG 20) |
| R (max): 3.6 mOhm |
| Vtest (contact-shell): 1850 V (AC), 2600 V (DC) |
| Vtest (contact-contact): 1850 V (AC), 2600 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 | M | S1 | S2 |
|-----|------|------|------|------|------|
| mm. | 15 | 49 | 37 | 13 | 12 |
| in. | 0,59 | 1,93 | 1,46 | 0,51 | 0,47 |

RECOMMENDED BY LEMO

Tools

- Spanner wrench: [DCD.2B.025.PA120](#)
- Caps: [BFG.2B.100.PCSG](#)

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Cables

| | | | |
|--------------------|-----|-------|---|
| CMN.04.T28.031PGCE | PVC | GREY |  |
| CMN.04.T28.031PGZE | | Grey |  |
| CMN.04.T28.031PNCE | PVC | Black |  |
| CMN.04.T28.031PNZE | | |  |
| CMN.04.T28.031QGC | TPR | Grey | |
| 4041 | PVC | Grey |  |
| 4050 | PVC | Black |  |

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