

## SUMMARY

### # Wires

Low voltage 3



*Image is for illustrative purpose only*

|                  |                                |
|------------------|--------------------------------|
| Series           | 2B                             |
| Termination type | Male solder                    |
| IP rating        | 50                             |
| AWG wire size    | 24.00 - 16.00                  |
| Cable Ø          | 7.30 - 8.20 mm                 |
| Status           | active                         |
| Matching parts   | <a href="#">EGG.2B.303.CLL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FP*: Elbow (90°) plug with cable collet for 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            | 43.49 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2B.303 : 3 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 17 Amps                   |

### Specifications

Contact Type: Solder  
Contact Dia.: 1.6 mm (0.063in)  
Bucket Dia.: 1.4 mm (0.055in)  
Max. Solid Conductor: 1 mm<sup>2</sup> (AWG 16)  
Max. Stranded Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.5 mOhm

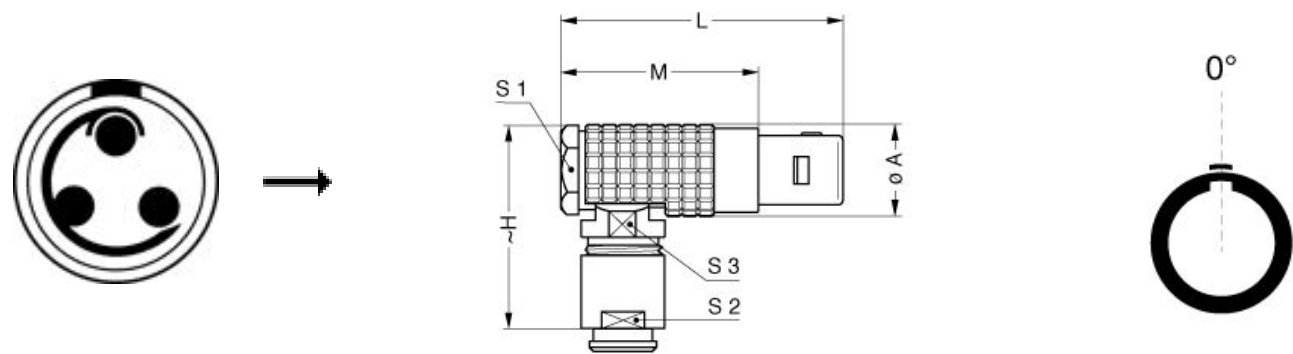
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Vtest (contact-shell): 1850 V (AC), 2600 V (DC)  
Vtest (contact-contact): 2400 V (AC), 3390 V (DC)

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    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|
| mm. | 15   | 33.6 | 41.5 | 29.5 | 13.5 | 12   | 13   |
| in. | 0,59 | 1,32 | 1,63 | 1,16 | 0,53 | 0,47 | 0,51 |

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Tools

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Spanner wrench:

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

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