

## SUMMARY

### # Wires

Low voltage 8



Image is for illustrative purpose only

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 2B                                |
| Termination type | Male solder                       |
| IP rating        | 50                                |
| AWG wire size    | 30.00 - 22.00                     |
| Cable Ø          | 4.30 - 5.20 mm                    |
| Status           | obsolete                          |
| Alternative part | <a href="#">FPG.2B.308.CLAD52</a> |
| Matching parts   | <a href="#">EGG.2B.308.CLL</a>    |

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## TECHNICAL DETAILS

### Mechanics

|                   |   |
|-------------------|---|
| Shell Style/Model | FH*: Elbow plug, cable collet   |
| 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            | 40.70 g   |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 2B.308 : 8 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps                   |

### Specifications

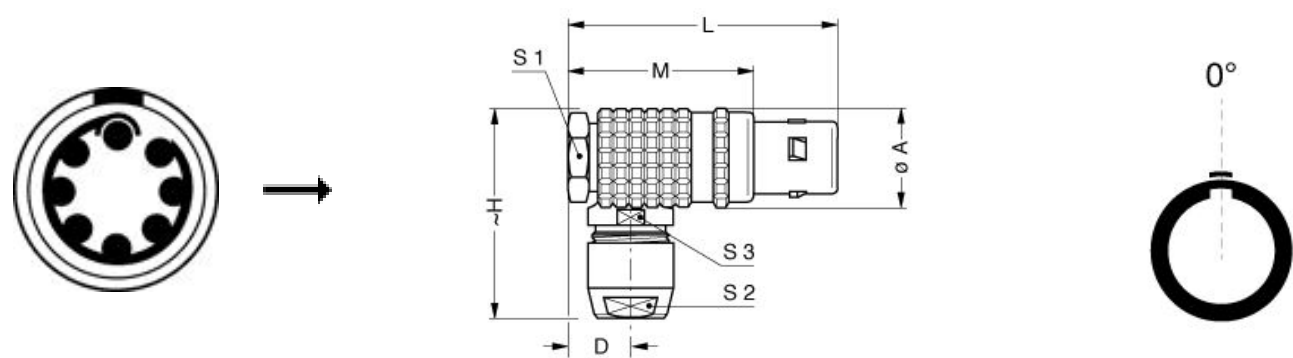
|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Contact Dia.:            | 0.9 mm (0.035in)              |
| Bucket Dia.:             | 0.8 mm (0.031in)              |
| Max. Solid Conductor:    | 0.34 mm <sup>2</sup> (AWG 22) |
| Max. Stranded Conductor: | 0.34 mm <sup>2</sup> (AWG 22) |
| R (max):                 | 4.8 mOhm                      |
| Vtest (contact-shell):   | 1250 V (AC), 1770 V (DC)      |
| Vtest (contact-contact): | 1500 V (AC), 2120 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    | D    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|------|
| mm. | 16.5 | 9    | 34   | 41.5 | 29.5 | 14   | 12   | 13   |
| in. | 0,65 | 0,35 | 1,34 | 1,63 | 1,16 | 0,55 | 0,47 | 0,51 |

RECOMMENDED BY LEMO

Tools

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

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Cables

|        |      |       |   |
|--------|------|-------|---|
| 108240 | PTFE | White |  |
| 108260 | PTFE | White |  |
| 8280   | PVC  | Black |  |

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