

## SUMMARY

### # Wires

|             |   |
|-------------|---|
| Low voltage | 2 |
|-------------|---|



*Image is for illustrative purpose only*

|                  |                                   |
|------------------|-----------------------------------|
| Series           | 0B                                |
| Termination type | Male solder                       |
| IP rating        | 50                                |
| AWG wire size    | 28.00 - 20.00                     |
| Cable Ø          | 2.30 - 3.20 mm                    |
| Status           | obsolete                          |
| Alternative part | <a href="#">FHG.0B.302.CLAD32</a> |
| Matching parts   | <a href="#">EGG.0B.302.CLL</a>    |

### Download

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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            | 12.78 g                                                                                                                       |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0B.302 : 2 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 10 Amps                   |

### Specifications

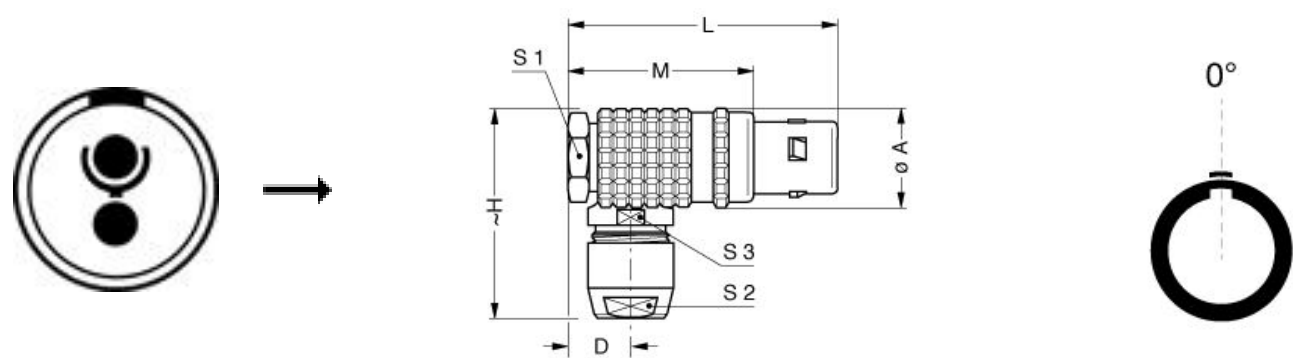
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.0 mm (0.039in)  
Max. Solid Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.56 mm<sup>2</sup> (AWG 20)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 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. | 11   | 6.5  | 26   | 29.8 | 19.8 | 9    | 7    | 8    |
| in. | 0,43 | 0,26 | 1,02 | 1,17 | 0,78 | 0,35 | 0,28 | 0,31 |

RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.0B.005.PA070](#)

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Cables

|                    |      |       |                                                                                     |
|--------------------|------|-------|-------------------------------------------------------------------------------------|
| CMN.02.T28.030PGCE | PVC  | GREY  |   |
| CMN.02.T28.030PGZE |      | Grey  |  |
| CMN.02.T28.030PNCE | PVC  | Black |   |
| CMN.02.T28.030PNZE |      |       |  |
| 2050               | PVC  | Black |   |
| 2260               | PTFE | White |  |

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