

## 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           | active                         |
| Matching parts   | <a href="#">EGG.0B.302.CLL</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | JG*: Straight plug short with 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            | 6.83 g                                                                                                                        |

### Performance

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

### Specifications

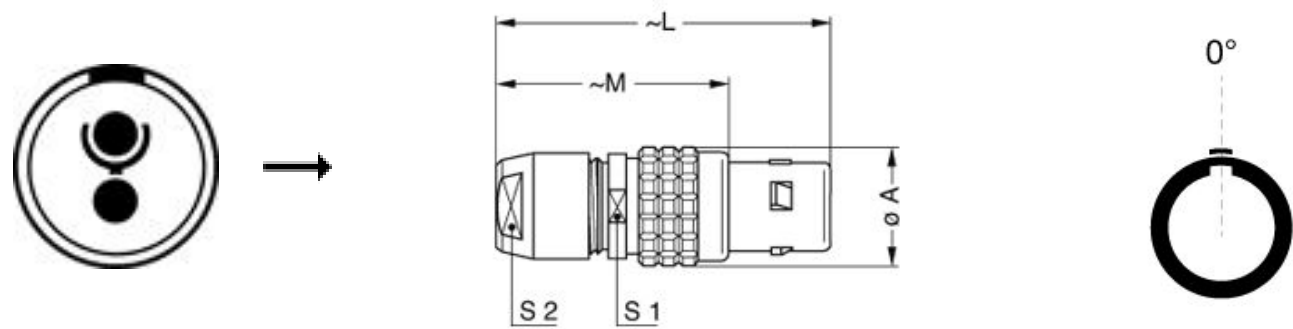
|                          |                               |
|--------------------------|-------------------------------|
| Contact Type:            | Solder                        |
| Contact Dia.:            | 0.9 mm (0.035in)              |
| Bucket Dia.:             | 1.0 mm (0.039in)              |
| 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    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 9.5  | 32   | 22.0 | 8    | 7    |
| in. | 0,37 | 1,26 | 0,87 | 0,31 | 0,28 |

RECOMMENDED BY LEMO

Tools

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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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