

## SUMMARY

### # Wires

|              |   |
|--------------|---|
| Low voltage  | 1 |
| High voltage | 1 |



*Image is for illustrative purpose only*

|                  |                                 |
|------------------|---------------------------------|
| Series           | 0B                              |
| Termination type | Male solder Hybrid High-Voltage |
| IP rating        | 50                              |
| AWG wire size    | 30.00 - 22.00                   |
| Cable Ø          | 4.30 - 5.20 mm                  |
| Status           | Active                          |
| Matching parts   | <a href="#">EGG.0B.701.CJL</a>  |

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## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                                                               |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight 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            | 8.31 g                                                                                                                        |

### Performance

|               |                             |
|---------------|-----------------------------|
| Configuration | 0B.701 : 1 High V. 1 Low V. |
| Insulator     | J: PEEK/PEEK                |
| Rated Current | 7 Amps                      |

### Specifications

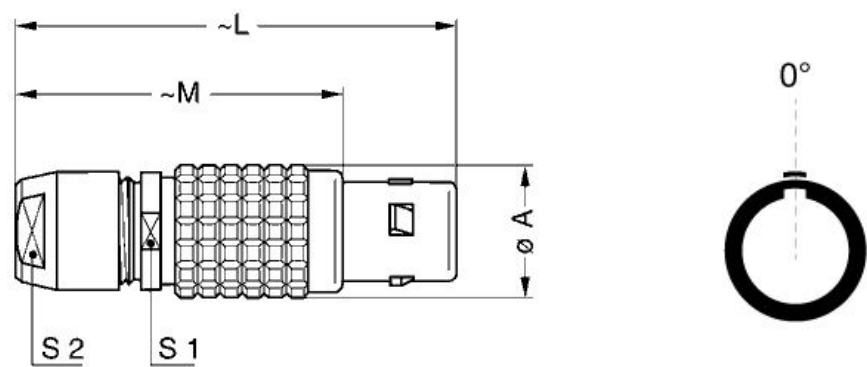
|                                         |
|-----------------------------------------|
| Contact Type: Solder                    |
| Test voltage HV Ue (kV dc) 8.3          |
| Test voltage HV Ue (kV rms) 5.9         |
| Test voltage LV cont-shell(kV dc) 1.35  |
| Test voltage LV cont-shell(kV rms) 0.95 |

### Others

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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  | 36   | 26   | 8    | 7    |
| in. | 0,37 | 1,42 | 1,02 | 0,31 | 0,28 |

## RECOMMENDED BY LEMO

### Tools

- Spanner wrench: [DCD.0B.ZZZ.PA070](#)  
Caps: [BFG.0B.100.PCSG](#)

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