

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 4 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |

|                  |                                                                      |
|------------------|----------------------------------------------------------------------|
| Series           | 0B                                                                   |
| Termination type | Male solder                                                          |
| IP rating        | 50                                                                   |
| Cable Ø          | 3.30 - 4.20 mm                                                       |
| Status           | active                                                               |
| Alternative part |                                                                      |
| Matching parts   | <a href="#">EGG.0B.304.CLL</a><br><a href="#">PHG.0B.304.CLLD42Z</a> |



*Image is for illustrative purpose only*

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[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | FG*: Straight plug, cable collet and nut for fitting a bend relief                          |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)                           |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Variant           | Z : Nut for fitting a bend relief                                                           |
| Weight            | 8.58 g                                                                                      |

### Performance

|               |                           |
|---------------|---------------------------|
| Configuration | 0B.304 : 4 Low Voltage    |
| Insulator     | L: PEEK (UL 94 / V-0/1.5) |
| Rated Current | 7 Amps                    |

### Specifications

|                                |
|--------------------------------|
| Contact Type: Solder           |
| Contact Dia.: 0.7 mm (0.028in) |
| Bucket Dia.: 0.8 mm (0.031in)  |

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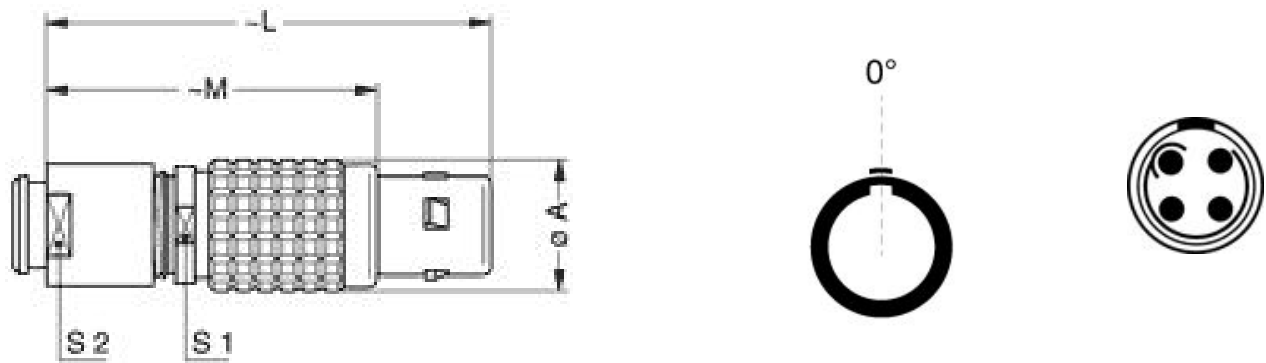
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-contact): 850 V (AC), 1200 V (DC)  
Vtest (contact-shell): 700 V (AC), 1000 V (DC)

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  
IP Rating: 50

DRAWINGS

Draws



Dimensions

|     | A    | L    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 9.5  | 35   | 25   | 8    | 7    |
| in. | 0.37 | 1.38 | 0.98 | 0.31 | 0.28 |

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.0B.005.PA070  
Caps: BFG.0B.100.PCSG

## Cables

|         |      |       |                                                                                     |
|---------|------|-------|-------------------------------------------------------------------------------------|
| 004 260 | PTFE | White |  |
| 040 080 | PVC  | Black |                                                                                     |
| 040 086 | PVC  | Blue  |                                                                                     |
| 040 140 | PVC  | Black |  |
| 040 240 | PTFE | White |  |

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