

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 3 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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|                  |                   |
|------------------|-------------------|
| Series           | 0B                |
| Termination type | Male solder       |
| IP rating        | 50                |
| Cable Ø          | 3.30 - 4.20 mm    |
| Matching parts   | FGJ.0B.303.CLLD42 |
| Status           | active            |
| Alternative part |                   |

## TECHNICAL DETAILS

### Mechanics

|                   |                                                                                             |
|-------------------|---------------------------------------------------------------------------------------------|
| Shell Style/Model | PH*: Free receptacle, cable collet                                                          |
| Keying            | 2 keys (gamma=45, plug: female contacts, receptacle: male contacts)                         |
| Housing Material  | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing      | ∅ 3.3 - 4.2 mm                                                                              |
| Variant           |                                                                                             |
| Weight            | 9.76 g                                                                                      |

### Performance

|               |                                                          |
|---------------|----------------------------------------------------------|
| Configuration | 0B.303 : 3 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 8 Amps                                                   |

### Specifications

|               |                  |
|---------------|------------------|
| Contact Type: | Solder           |
| Max. Matings: | 5000             |
| Contact Dia.: | 0.9 mm (0.035in) |

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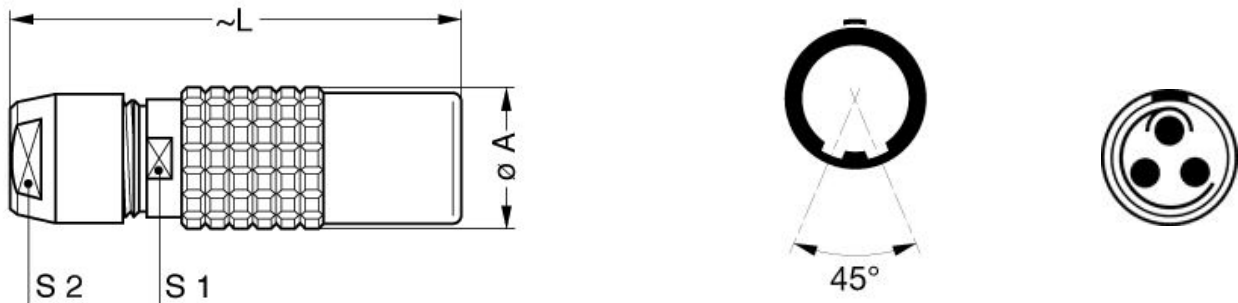
Bucket Dia.: 0.8 mm (0.031in)  
 Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 4.8 mOhm  
 Vtest (contact-shell): 1600 V (AC), 2250 V (DC)  
 Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

## 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]  
 Salt Spray Corrosion: >1000 hr  
 Climatical Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 IP Rating: 50

## DRAWINGS

### Draws



### Dimensions

|     | A    | L    | S1   | S2   |
|-----|------|------|------|------|
| mm. | 9.5  | 35.5 | 8    | 7    |
| in. | 0,37 | 1,40 | 0,31 | 0,28 |

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.OB.005.PA070

## Cables

|         |     |       |                                                                                     |
|---------|-----|-------|-------------------------------------------------------------------------------------|
| 003 280 | PVC | Black |  |
| 030 110 | PVC | Grey  |  |

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