

## SUMMARY

### # Wires

|         |   |
|---------|---|
| Low     | 6 |
| High    | 0 |
| Coax    | 0 |
| Triax   | 0 |
| Quad    | 0 |
| Fiber   | 0 |
| Fluidic | 0 |



*Image is for illustrative purpose only*

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### Series

|                  |                |
|------------------|----------------|
| Termination type | Male solder    |
| IP rating        | 50             |
| Cable Ø          | 7.30 - 7.60 mm |
| Matching parts   | EGG.1B.306.CLL |
| Status           | active         |

Alternative part

## 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 |
| Cable Fixing      | ∅ 7.3 - 7.6 mm  |
| Variant           | Z : Nut for fitting a bend relief   |

### Performance

|               |  |
|---------------|--|
| Configuration | 1B.306 : 6 Low Voltage                                   |
| Insulator     | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 7 Amps   |

### Specifications

|               |                  |
|---------------|------------------|
| Contact Type: | Solder           |
| Max. Matings: | 5000             |
| Contact Dia.: | 0.7 mm (0.028in) |

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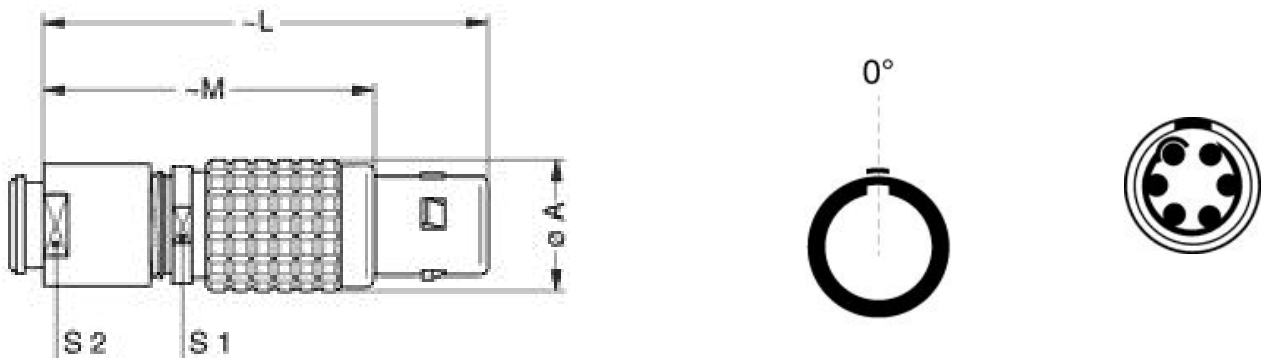
Bucket Dia.: 0.8 mm (0.031in)  
 Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
 R (max): 6.1 mOhm  
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)  
 Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

## Others

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    | M    | S1   | S2   |
|-----|------|------|------|------|------|
| mm. | 12   | 42   | 31   | 10   | 9    |
| in. | 0,47 | 1,65 | 1,22 | 0,39 | 0,35 |

## RECOMMENDED BY LEMO

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## Tools

Spanner wrench: DCD.1B.015.PA090  
Caps: BFG.1B.100.PCSG

## Cables

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