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# FGG.2B.P15.CLAD82Z

## SUMMARY

### # Wires

| | |
|---|---|
| **Low voltage** | **10** |
| **Fluidic** | **1** |

*Image is for illustrative purpose only*

| | |
|---|---|
| **Series** | 2B |
| **Termination type** | Male solder |
| **IP rating** | 50 |
| **AWG wire size** | 0.00 - 0.00 |
| **Cable Ø** | 7.30 - 8.20 mm |
| **Status** | active |
| **Matching parts** | EGG.2B.P15.CLL |

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## 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| **Variant** | Z : Nut for fitting a bend relief |
| **Weight** | 28.06 g |

### Performance

| | |
|---|---|
| **Configuration** | 2B.P15 : 1 Fluidic with valve P1, 10 Low Voltage |
| **Insulator** | L: PEEK (UL 94 / V-0/1.5) |
| **Rated Current** | |

### Specifications

Contact Type: Solder
Max pressure: 6 bar (87.02 psi)
Tube Inner Dia.: 1.8 mm (0.070)
Tube Outer Dia.: 3.0 mm (0.118 in.)
Test voltage (kV rms) Contact-contact: 1.15
Test voltage (kV rms) Contact-shell: 1.35

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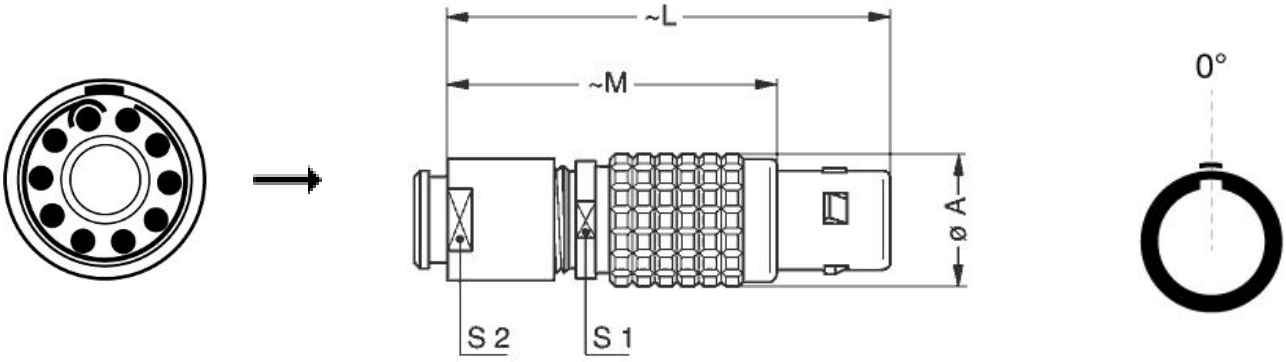
### Others

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. | 15 | 49 | 37 | 13 | 12 |
| in. | 0,59 | 1,93 | 1,46 | 0,51 | 0,47 |

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: DCD.2B.025.PA120
Caps: BFG.2B.100.PCSG

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