

## SUMMARY



Image is for illustrative purpose only

### # Wires

|             |   |
|-------------|---|
| Low voltage | 4 |
| Coax        | 1 |

|                  |                                 |
|------------------|---------------------------------|
| Series           | 2K                              |
| Termination type | Male solder mixed / multi coax  |
| IP rating        | 68 mated (mating interface)     |
| AWG wire size    | 30.00 - 22.00                   |
| Cable Ø          | 7.60 - 8.00 mm                  |
| Status           | active                          |
| Matching parts   | <a href="#">EEG.2K.804.CLL1</a> |

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## TECHNICAL DETAILS

### Mechanics

|                   |  |
|-------------------|--|
| Shell Style/Model | FP*: Elbow (90°) plug with cable collet  |
| Keying            | 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  |
| Housing Material  | Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Weight            | 41.36 g  |

### Performance

|               |                                    |
|---------------|------------------------------------|
| Configuration | 2K.804 : 1 Coax (50 Ohm), 4 Low V. |
| Insulator     | L: PEEK (UL 94 / V-0/1.5)          |
| Rated Current | 7 Amps                             |

### Specifications

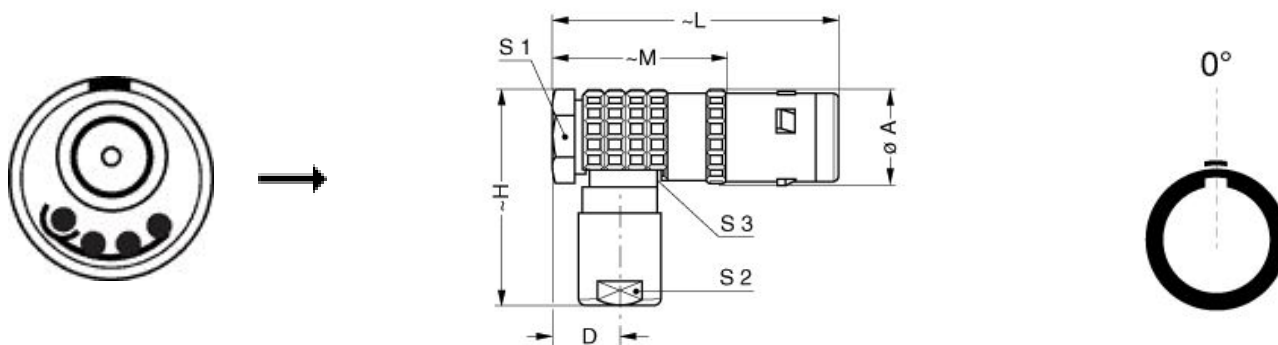
Contact Type: Coaxial 50 Ohm (Solder) Type A1  
Contact Dia.: 0.7 mm (0.028in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 3.8 mOhm  
Test voltage (kV rms): 0.75  
Test voltage (kV dc): 1.05  
Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

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## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



## Dimensions

|     | A    | D    | H    | L    | M    | S1   | S2   | S3   |
|-----|------|------|------|------|------|------|------|------|
| mm. | 16   | 10.2 | 40   | 51   | 35   | 14   | 12   | 13   |
| in. | 0,63 | 0,40 | 1,57 | 2,01 | 1,38 | 0,55 | 0,47 | 0,51 |

## RECOMMENDED BY LEMO

### Tools

Die Tool: [DCP.99.050.TC](#)

Spanner wrench: [DCD.2E.ZZZ.PA120](#)

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