

SUMMARY

Wires

| | |
|---------|---|
| Low | 4 |
| High | 0 |
| Coax | 1 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |



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| | |
|------------------|-----------------------------|
| Series | 2K |
| Termination type | Male solder Mixed coaxial / |
| IP rating | 68 |
| Cable Ø | 7.60 - 8.00 mm |
| Matching parts | EEG.2K.804.CLL1 |
| Status | active |
| Alternative part | |

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | C80: 7.6 - 8 mm |
| Variant | |
| Weight | 49.42 g |

Performance

| | |
|---------------|----------------------------------------------------------|
| Configuration | 2K.804 : 1 Coax (50 Ohm), 4 Low V. |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | 7 Amps |

Specifications

| | |
|---------------|---------------------------------|
| Contact Type: | Coaxial 50 Ohm (Solder) Type A1 |
| Max. Matings: | 1000 |
| Contact Dia.: | 0.7 mm (0.028in) |

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Max. Solid Conductor: 0.5 mm² (AWG 20)
 Max. Stranded Conductor: 0.14 mm² (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

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



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 |

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RECOMMENDED BY LEMO

Tools

Die Tool: DCP.99.050.TC

Spanner wrench: DCD.2E.020.PA120

Cables

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