

# FPG.2K.804.CLAC801

### **SUMMARY**

#### # Wires

 Low
 4

 High
 0

 Coax
 1

 Triax
 0

 Quad
 0

 Fiber
 0

Series 2K

Termination type Male solder Mixed coaxial /

0

IP rating 68

Cable Ø 7.60 - 8.00 mm

Matching parts EEG.2K.804.CLL1

**Status** active

Alternative part

Fluidic



Image is for illustrative purpose only

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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) 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 mm^2 (AWG 20) Max. Stranded Conductor: 0.14 mm^2 (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

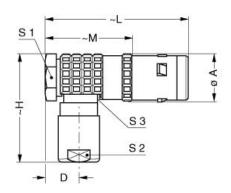
Humidity (max): <=95% [at 60 deg C /140 F]

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**

	А	D	Н	L	М	S1	S2	<b>S</b> 3
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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