

SUMMARY

Wires

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



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Series	2K
Termination type	Mixed coaxial/ Multi coax
IP rating	68
Cable Ø	7.60 - 8.00 mm
Matching parts	EEG.2K.804.CLL1
Status	
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	

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)
Max. Solid Conductor: 0.5 mm ² (AWG 20)
Max. Stranded Conductor: 0.14 mm ² (AWG 26)
R (max): 3.8 mOhm

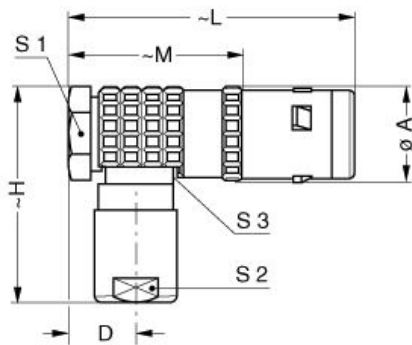
Test voltage (kV rms): 0.75
 Test voltage (kV dc): 1.05
 Cable type: RG 174 A/U, RG 188 A/U, RG 316 /U

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
 Climatological 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

RECOMMENDED BY LEMO

Tools

Die Tool: DCP.99.050.TC
 Spanner wrench: DCD.2E.020.PA120

Cables