

SUMMARY

Wires

Low voltage	6
Coax	1



Image is for illustrative purpose only

Series	2K
Termination type	Female solder mixed / multi
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.2K.806.CLAC552

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing (back panel mounting)
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
Weight	34.68 g

Performance

Configuration	2K.806 : 1 Coax (50 Ohm), 6 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

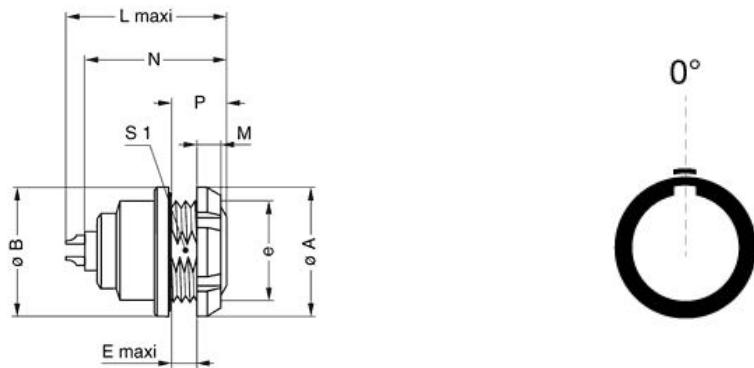
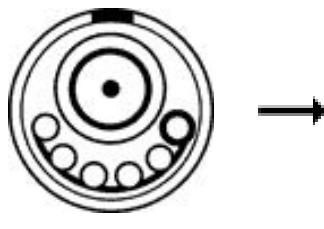
Contact Type:	Coaxial 50 Ohm (Solder) Type A1
Contact Dia.:	0.7 mm (0.03in)
Max. Solid Conductor:	0.5 mm ² (AWG 20)
Max. Stranded Conductor:	0.14 mm ² (AWG 26)
R (max):	3.8 mOhm
Test voltage (kV rms):	0.75
Test voltage (kV dc):	1.05
Cable type:	RG 174 A/U, RG 188 A/U, RG 316 /U

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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	B	E	L	M	N	P	S1	e
mm.	25	25	5	30.7	3.5	28.6	10	18.5	M20x1.0
in.	0,98	0,98	0,20	1,21	0,14	1,13	0,39	0,73	

RECOMMENDED BY LEMO

Tools

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

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