

## 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	<a href="#">FGG.2K.806.CLAC552</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	37.10 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

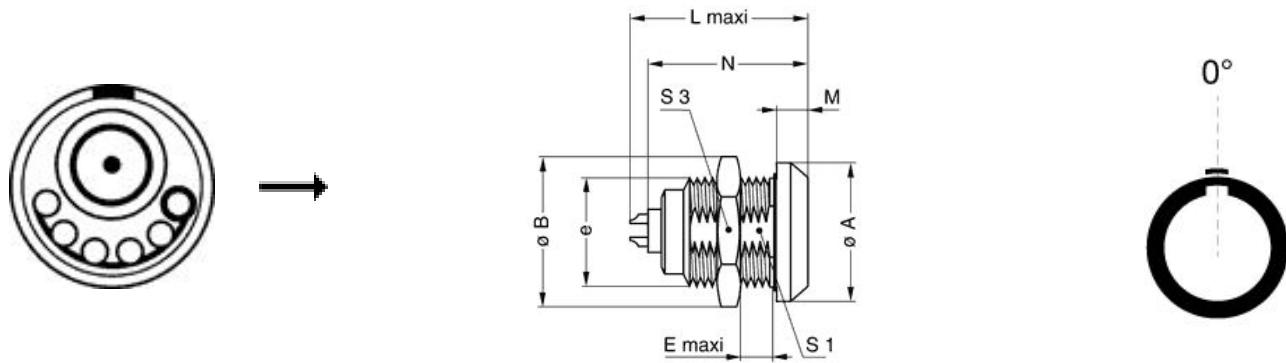
Contact Type: Coaxial 50 Ohm (Solder) Type A1  
Contact Dia.: 0.7 mm (0.03in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.14 mm<sup>2</sup> (AWG 26)  
R (max): 3.8 mOhm  
Test voltage (kV rms): 0.75  
Test voltage (kV dc): 1.05  
Cable type: RG 174 A/U, RG 188 A/U, 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	B	E	L	M	N	S1	S3	e
mm.	25	27.5	9	30.7	5	28.6	18.5	24	M20x1.0
in.	0,98	1,08	0,35	1,21	0,20	1,13	0,73	0,94	

## RECOMMENDED BY LEMO

### Tools

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

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