

## SUMMARY

### # Wires

Low voltage	2
Coax	3



*Image is for illustrative purpose only*

Series	3K
Termination type	Female crimp mixed / multi
IP rating	68 mated (mating interface)
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	Active
Matching parts	<a href="#">FGG.3K.862.CLCC101</a>

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[Catalog](#)

## 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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Weight	69.66 g

### Performance

Configuration	3K.862 : 3 Coax (50 Ohm), 2 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 Amps

### Specifications

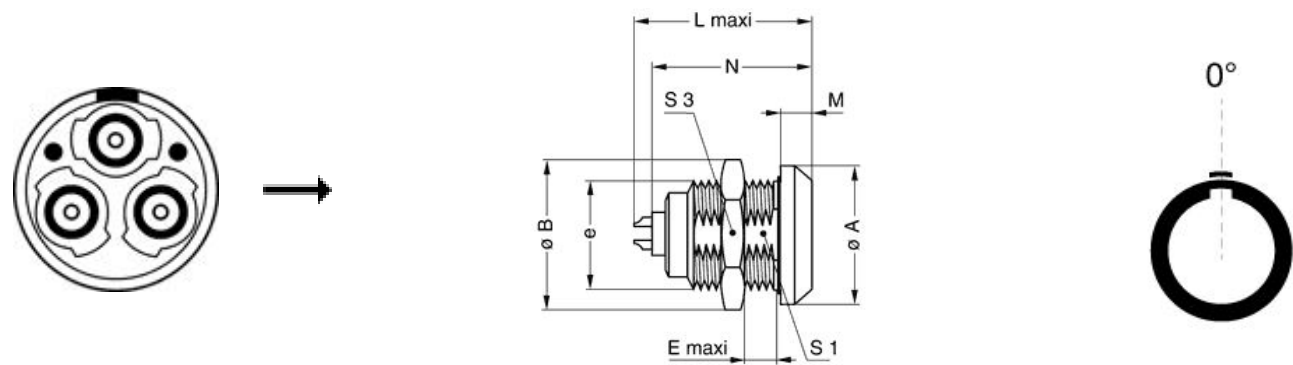
Contact Type: Coaxial 50 Ohm (Crimp) Type C
Contact Dia.: 0.7 mm (0.03in)
Min. Conductor: 0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor: 0.34 mm <sup>2</sup> (AWG 22)
R (max): 5.8 mOhm
Test voltage (kV rms): 1.1
Test voltage (kV dc): 1.6
Cable type: RG 178 B/U, RG 196 A/U

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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.	31	34.5	11	36.2	6	33.6	22.5	30	M24x1.0
in.	1,22	1,36	0,43	1,43	0,24	1,32	0,89	1,18	

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner:	<a href="#"><u>DCE.91.093.BVM</u></a>
Extractor:	<a href="#"><u>DCC.91.393.4LT</u></a>
Die Tool:	<a href="#"><u>DPE.99.103.1K</u></a>
Replacement contact:	EGG.3B.660.ZZM

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