

## SUMMARY

### # Wires

Low voltage	2
Coax	3



Image is for illustrative purpose only

Series	3K
Termination type	Male crimp mixed / multi coax
IP rating	68 when mated
AWG wire size	24.00 - 20.00
Cable Ø	3.60 - 4.00 mm
Status	active
Matching parts	<a href="#">EGG.3K.862.CLL1</a>

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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	73.70 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

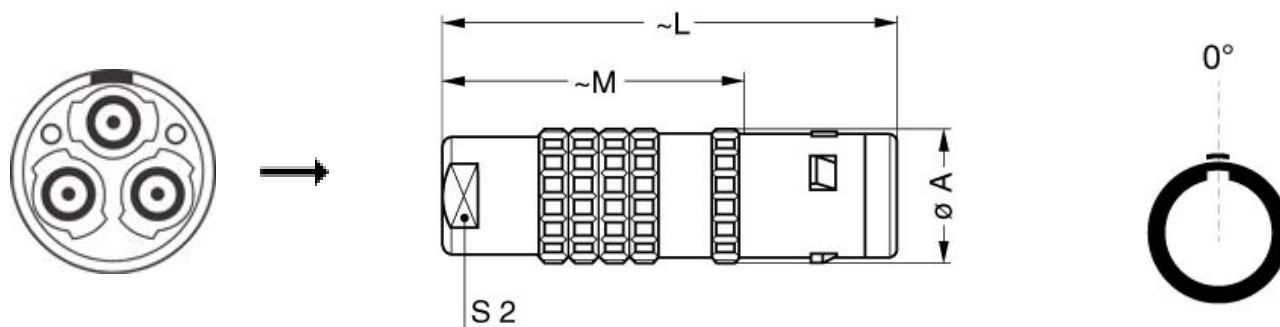
Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Contact Dia.:	0.7 mm (0.028in)
Min. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	5.8 mOhm
Test voltage (kV rms):	1.1
Test voltage (kV dc):	1.6
Cable type:	RG 178 B/U, RG 196 A/U

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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	L	M	S2
mm.	19	61	41	15
in.	0,75	2,40	1,61	0,59

## 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: [DCE.91.093.BVC](#)  
Extractor: [DCC.91.393.4LT](#)  
Die Tool: [DPE.99.103.1K](#)  
Replacement contact: FGG.3B.560.ZZC  
Spanner wrench: [DCD.3E.ZZZ.PA150](#)  
Caps: [BFG.3K.100.NAS](#)

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