

SUMMARY

Wires

Low voltage	2
Coax	3



Image is for illustrative purpose only

Series	3K
Termination type	Female crimp mixed / multi
IP rating	68
AWG wire size	24.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.3K.862.CLCC101

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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	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

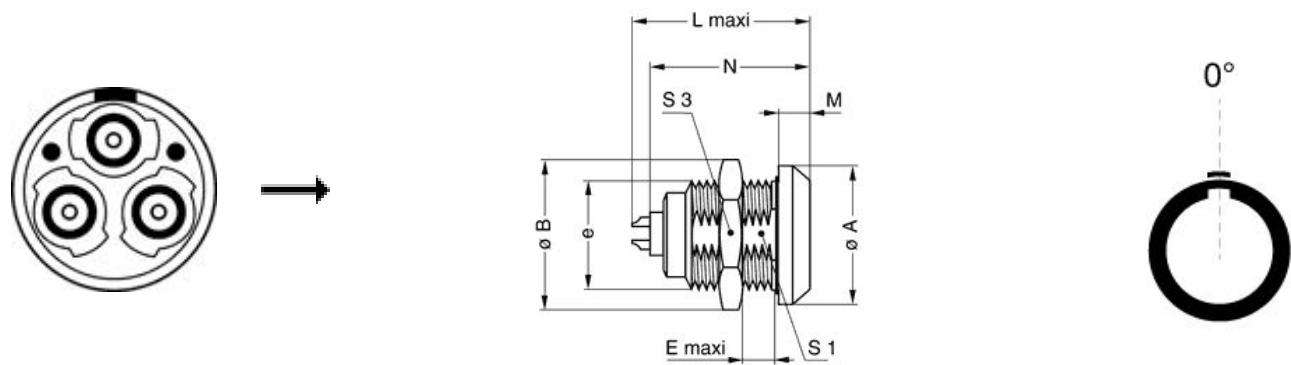
Contact Type: Coaxial 50 Ohm (Crimp) Type C
Contact Dia.: 0.7 mm (0.03in)
Min. Conductor: 0.34 mm ² (AWG 22)
Max. Conductor: 0.34 mm ² (AWG 22)
R (max): 5.8 mOhm
Test voltage (kV rms): 1.1
Test voltage (kV dc): 1.6
Cable type: RG 178 B/U, RG 196 A/U

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

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