

SUMMARY



Image is for illustrative purpose only

Wires

Low	2
High	0
Coax	3
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	3K
Termination type	Female crimp Mixed coaxial /
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	FGG.3K.862.CLCC101
Status	active
Alternative part	

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	
Weight	69.66 g

Performance

Configuration	3K.862 : 3 Coax (50 Ohm), 2 Low V.
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	9 Amps

Specifications

Contact Type:	Coaxial 50 Ohm (Crimp) Type C
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.03in)

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Min. Conductor: 0.34 mm² (AWG 22)
 Max. Conductor: 0.34 mm² (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

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]
 Salt Spray Corrosion: >1000 hr
 Climatical Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



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	

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 20-22-24/6-5-5

Positionner: DCE.91.093.BVM

Extractor: DCC.91.393.4LT

Coax Tool: -

Die Tool: DPE.99.103.1K

Replacement contact: EGG.3B.660.ZZM

Cables

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