

SUMMARY

Wires

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



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Series	3K
Termination type	Male crimp Mixed coaxial /
IP rating	68
Cable Ø	3.60 - 4.00 mm
Matching parts	EGG.3K.862.CLL1
Status	active
Alternative part	

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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	C40: 3.6 - 4 mm
Variant	
Weight	73.70 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 (0.028in)

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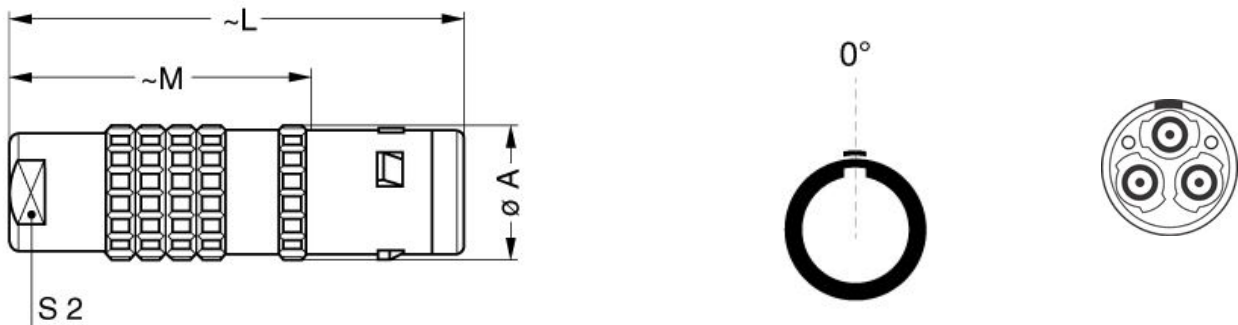
Min. Conductor: 0.34 mm² (AWG 22)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 5.8 mOhm
 Test voltage (kV rms): 1.1
 Test voltage (kV dc): 1.6
 Cable type: RG 178 B/U, RG 196 A/U

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
 Climatological Category: 50/175/21
 Shielding (min): 95 dB (10 MHz)
 Shielding (min): 80 dB (1 GHz)
 IP Rating: 68

DRAWINGS

Draws



Dimensions

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

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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.BVC
Extractor: DCC.91.393.4LT
Coax Tool: -
Die Tool: DPE.99.103.1K
Replacement contact: FGG.3B.560.ZZC
Spanner wrench: DCD.3E.030.PA150
Caps: BFG.3K.100.NAS

Cables

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