

SUMMARY

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	3K
Termination type	Male solder
IP rating	68
Cable Ø	7.10 - 7.50 mm
Matching parts	EGG.3K.304.CLL
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable adapter and nut for fitting a bend relief
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	C75: 7.1 - 7.5 mm
Variant	Z : Nut for fitting a bend relief
Weight	68.33 g

Performance

Configuration	3K.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	19 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000

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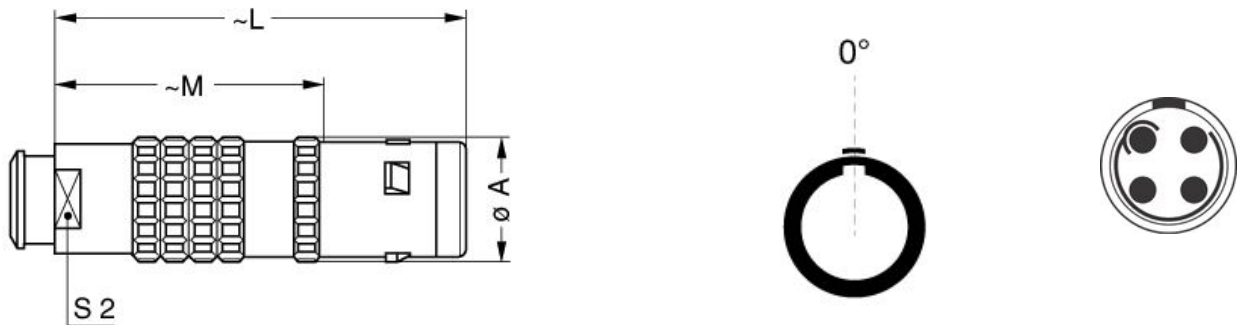
Contact Dia.: 2 mm (0.079in)
 Bucket Dia.: 1.8 mm (0.071in)
 Max. Solid Conductor: 1.5 mm² (AWG 14)
 Max. Stranded Conductor: 1.5 mm² (AWG 16)
 R (max): 3.3 mOhm
 Vtest (contact-shell): 1250 V (AC), 1770 V (DC)
 Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

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	L	M	S2
mm.	19	60	40	15
in.	0,75	2,36	1,57	0,59

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RECOMMENDED BY LEMO

Tools

Spanner wrench: DCD.3E.030.PA150
Caps: BFG.3K.100.NAS

Cables

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