

SUMMARY

Wires

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



Image is for illustrative purpose only

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Series

Termination type	Male solder
IP rating	68
Cable Ø	8.10 - 8.50 mm
Matching parts	EGG.1K.302.CLL
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug with oversize 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	Ø 8.1 - 8.5 mm
Variant	

Performance

Configuration	1K.302 : 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	15 Amps

Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 1.3 mm (0.051in)

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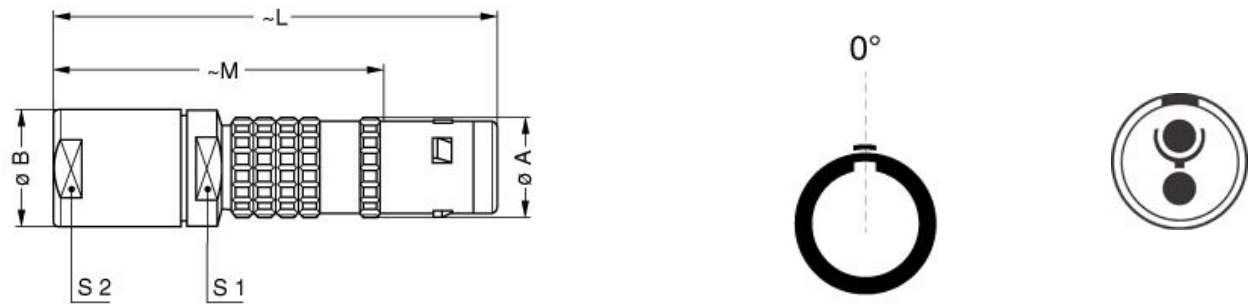
Bucket Dia.: 1 mm (0.039in)
Max. Solid Conductor: 0.5 mm^2 (AWG 20)
Max. Stranded Conductor: 0.5 mm^2 (AWG 20)
R (max): 3.6 mOhm
Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
Vtest (contact-contact): 1500 V (AC), 2150 V (DC)

Others

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	L	M	S1	S2
mm.	13	14.5	60	46	12	12
in.	0,51	0,57	2,36	1,81	0,47	0,47

RECOMMENDED BY LEMO

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Tools

Spanner wrench: DCD.1E.008.PA090

Caps: BFG.1K.100.NAS

Cables

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