

SUMMARY

Wires



Image is for illustrative purpose only

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

Series	1T
Termination type	Male solder
IP rating	68
Cable Ø	5.60 - 6.00 mm
Status	active
Alternative part	
Matching parts	<u>EGG.1T.304.CLL</u>

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet 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
Variant	Z : Nut for fitting a bend relief
Weight	16.91 g

Performance

Configuration	T.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)

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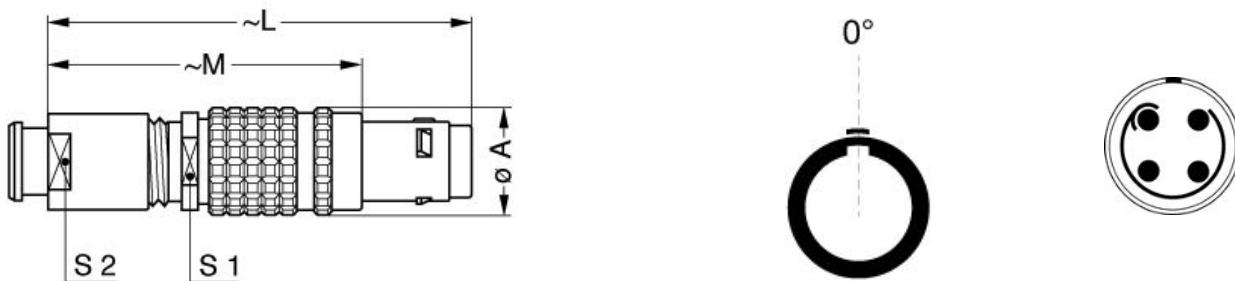
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 4.8 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C /140 F]
Resistance to vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Climatical Category: 50/175/21
Shielding efficiency (min): 75 dB (at 10 MHz)
Shielding efficiency (min): 40 dB (at 1 GHz)
Salt Spray Corrosion: >1000 hr
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	L	M	S1	S2
mm.	12	45	34	11	9
in.	0.47	1.77	1.34	0.43	0.35

RECOMMENDED BY LEMO

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Tools

None

Cables

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