

SUMMARY

Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	1T
Termination type	Male solder
IP rating	68
Cable Ø	5.60 - 6.00 mm
Status	active
Alternative part	
Matching parts	EGG.1T.305.CLL

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	17.03 g

Performance

Configuration	T.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	9 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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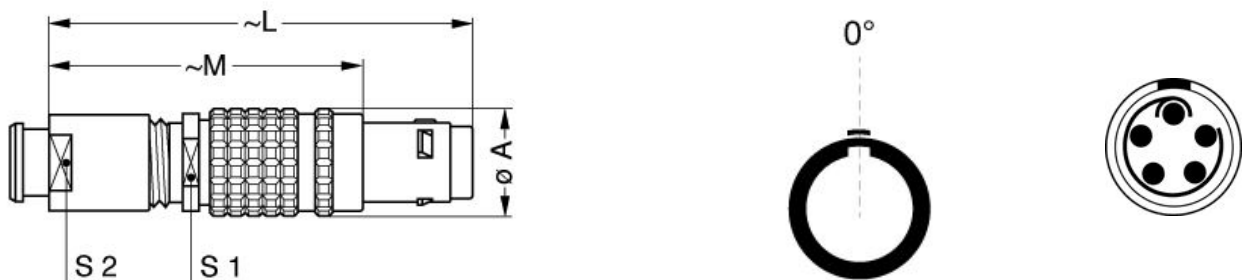
Max. Stranded Conductor: 0.34 mm² (AWG 22)
 R (max): 4.8 mOhm
 Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
 Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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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