

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series	1T
Termination type	Female solder
IP rating	68 mated (mating interface)
AWG wire size	30.00 - 22.00
Cable Ø	6.10 - 6.50 mm
Status	active
Matching parts	FGG.1T.308.CLIC65Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, 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 [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	24.08 g

Performance

Configuration	1T.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

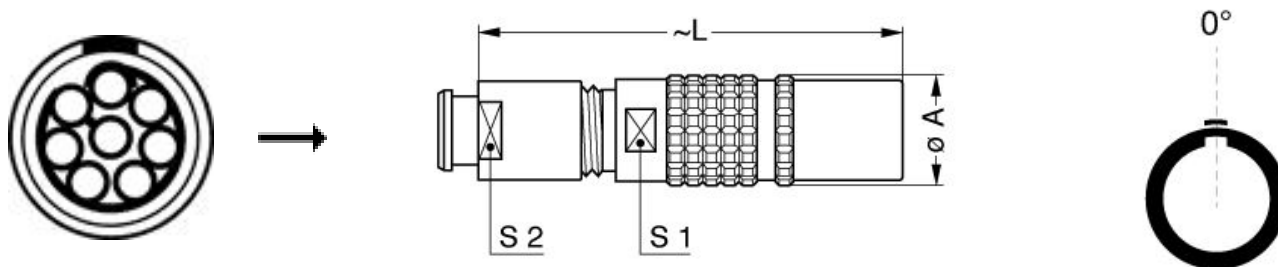
Contact Type: Solder
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Solid Conductor: 0.34 mm² (AWG 22)
Max. Stranded Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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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

DRAWINGS



Dimensions





	A	L	S1	S2
mm.	12	42.5	10	9
in.	0,47	1,67	0,39	0,35

RECOMMENDED BY LEMO

Tools

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Cables

180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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