

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series	0T
Termination type	Female print PCB
IP rating	68 when mated
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0T.305.CLAC45

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- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [PCB KiCad Pattern](#)
- [Catalog](#)

TECHNICAL DETAILS

Mechanics

Shell Style/Model	HM*: Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting
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
Variant	P : Watertight unmated
Weight	4.74 g

Performance

Configuration	T.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6.5 Amps

Specifications

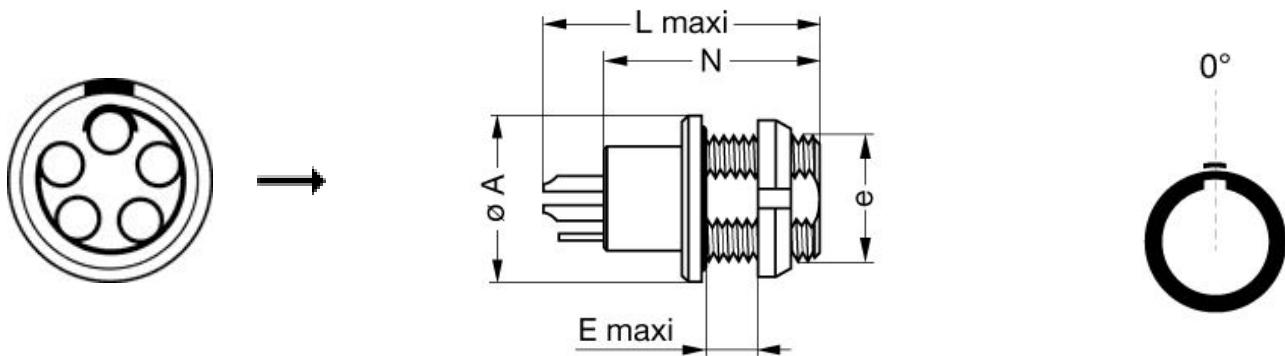
- Contact Type: Print (straight)
- Contact Dia.: 0.7 mm (0.028in)
- R (max): 6.1 mOhm
- Vtest (contact-shell): 700 V (AC), 1000 V (DC)
- Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -20°C / +80°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	E	L	N	e
mm.	12	6.5	22	18.5	M9x0.6
in.	0,47	0,26	0,87	0,73	

RECOMMENDED BY LEMO

Tools

Spanner wrench: [Socket for torque wrench DCM.0S.M09.4](#)

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