

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0T
Termination type Female print PCB
IP rating 68
AWG wire size 22.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGG.0T.305.CLAC45](#)

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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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Variant P : Watertight
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)

Others

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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]
 Climatological 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

Draws



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

Cables

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