

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series OT
Termination type Female solder
IP rating 68 mated (mating interface)
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status Active
Matching parts [FGG.0T.305.KLAC50](#)

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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 (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Variant P : Watertight unmated (connector to device)
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: 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

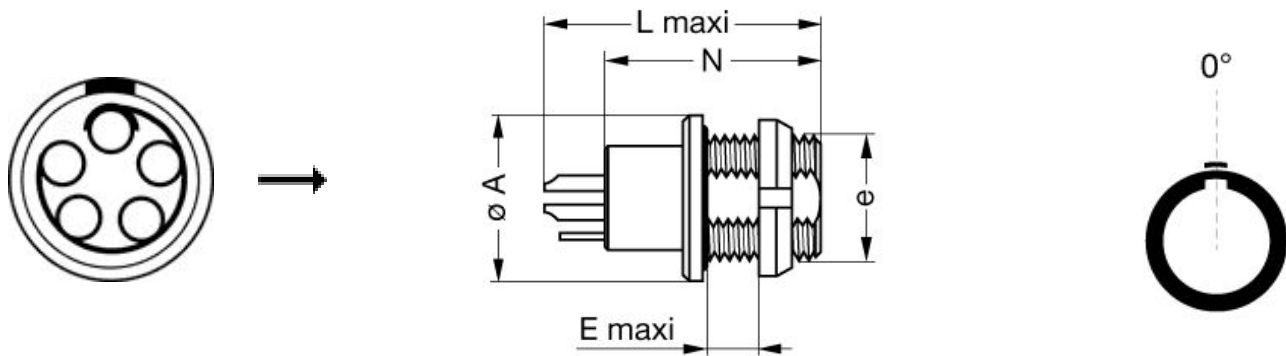
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Vtest (contact-shell): 700 V (AC), 1000 V (DC)
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

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

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Spanner wrench: [Socket for torque wrench DCM.05.M09.4](#)

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		Grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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