

# HGG.1T.305.CLLPV

## **SUMMARY**

#### # Wires

**Triax** 

Fluidic

 Low
 5

 High
 0

 Coax
 0

Quad 0

Fiber 0

Series 1T

**Termination type** Female solder

0

0

IP rating 68

**Cable Ø** 1.30 - 8.50 mm

**Status** active

Alternative part

Matching parts FGG.1T.305.CLAC50



Image is for illustrative purpose only

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## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model HG\*: Fixed socket, nut fixing, watertight or vacuumtight

**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 PV: Watertight / Vacuum-tested

Weight 6.30 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<sup>2</sup> (AWG 22)

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Max. Stranded Conductor: 0.34 mm<sup>2</sup> (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): -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)

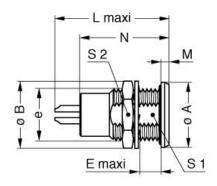
R leak (He) (max): 0.0000001 mbar\*l/s (if vacuum-tested)

Salt Spray Corrosion: >1000 hr

IP Rating: 68

# **DRAWINGS**

#### **Draws**







#### **Dimensions**

	А	В	E	L	М	N	S1	S2	e
mm.	15.5	16	6	26	1.8	21.5	10.5	14	M12x1.0
in.	0.61	0.63	0.24	1.02	0.07	0.85	0.41	0.55	

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# **RECOMMENDED BY LEMO**

### **Tools**

None

### **Cables**

CMN.05.T22.051PGCE	PVC	GREY	
CMN.05.T22.051PNCE	PVC	Black	
CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T22.051PGZE		Grey	>€
CMN.05.T22.051PNZE			>€
CMN.05.T28.029PGZE		Grey	>€
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			>€
005 050	PVC	Black	<b>&gt;</b>
050 090	PVC	Black	
050 140	PVC	Grey	
150 250	PVC	Grey	

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