

HGG.1T.304.CLLPV

SUMMARY

Wires

Low 4 High 0 Coax n

Triax 0

Quad

Fiber

Fluidic

Series 1T

Termination type Female solder

0

IP rating

Cable Ø 1.30 - 8.50 mm

Status active

Alternative part

Matching parts FGG.1T.304.CLAC50



Image is for illustrative purpose only

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Catalog

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

PV: Watertight / Vacuum-tested **Variant**

Weight 6.30 g

Performance

Configuration T.304: 4 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 10 Amps

Specifications

Contact Type: Solder

Contact Dia.: 0.9 mm (0.035in) Bucket Dia.: 0.8 mm (0.031in)

Max. Solid Conductor: 0.34 mm² (AWG 22)

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Max. Stranded Conductor: 0.34 mm² (AWG 22)

R (max): 4.8 mOhm

Vtest (contact-shell): 1450 V (AC), 2050 V (DC) Vtest (contact-contact): 1350 V (AC), 1910 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)

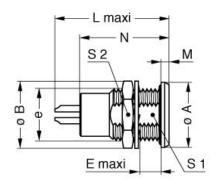
R leak (He) (max): 0.0000001 mbar*l/s (if vacuum-tested)

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.04.T22.047PGCE	PVC	GREY	
CMN.04.T22.047PNCE	PVC	Black	
CMN.04.T28.031PGCE	PVC	GREY	
CMN.04.T22.048QGZE	TPR (medical)	Grey	>
CMN.04.T22.047PGZE		Grey	>
CMN.04.T22.047PNZE		-	▶
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T28.031PGZE		Grey	▶
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			▶——€
CMN.04.T28.031QGC	TPR	Grey	
004 041	PVC	Grey	→ €
004 050	PVC	Black	
004 080	PVC	Grey	
004 220	PVC	Black	
004 221	PVC	Black	
004 260	PTFE	White	≥
004 280	PVC	Black	
040 080	PVC	Black	
040 086	PVC	Blue	
040 140	PVC	Black	->-
040 240	PTFE	White	>====
040 260	PVC	Black	-
080 080	PVC	Grey	
080 082	PVC	Red	
080 084	PVC	Black	
140 240	PVC	Black	-74-
140 250	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	>

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