

SUMMARY

Wires

Low	14
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	1T
Termination type	Female solder
IP rating	68
Cable Ø	1.30 - 8.50 mm
Status	active
Alternative part	
Matching parts	FGG.1T.314.CLAC50

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	6.64 g

Performance

Configuration	T.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

Specifications

Contact Type: Solder
Contact Dia.: 0.5 mm (0.02in)
Bucket Dia.: 0.45 mm (0.018in)
Max. Solid Conductor: 0.09 mm ² (AWG 28)

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Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 800 V (AC), 1130 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

	A	B	E	L	M	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.14.T28.056PGCE	PVC	GREY	
CMN.14.T28.056QGZE	TPR (medical)	Grey	
CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNCE	PVC	Black	
CMN.14.T28.056PNZE			

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