

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1T
Termination type	Female solder
IP rating	68
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	<a href="#">FGG.1T.310.CLAC50</a>

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	
Weight	6.06 g

### Performance

Configuration	T.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	2.5 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 <sup>2</sup> (AWG 28)

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Max. Stranded Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
 R (max): 8.7 mOhm  
 Vtest (contact-shell): 1500 V (AC), 2120 V (DC)  
 Vtest (contact-contact): 900 V (AC), 1270 V (DC)

## Others

Endurance (Shell): >3000 mating cycles  
 Temp (min / max): -55°C / +200°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  
 IP Rating: 68

## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	N	S1	S2	e
mm.	15.5	16	6	23	1.8	21.5	10.5	14	M12x1.0
in.	0,61	0,63	0,24	0,91	0,07	0,85	0,41	0,55	


## RECOMMENDED BY LEMO

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## Tools

None

## Cables

CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
CMN.10.T22.068QGC			
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
110 280	PVC	Black	

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