

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series 3T  
Termination type Female solder  
IP rating 68  
AWG wire size 28.00 - 20.00  
Cable Ø 2.60 - 15.00 mm  
Status active  
Matching parts [FGG.3T.310.KLAC85](#)

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## 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 (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 17.70 g

### Performance

Configuration T.310 : 10 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 12 Amps

### Specifications

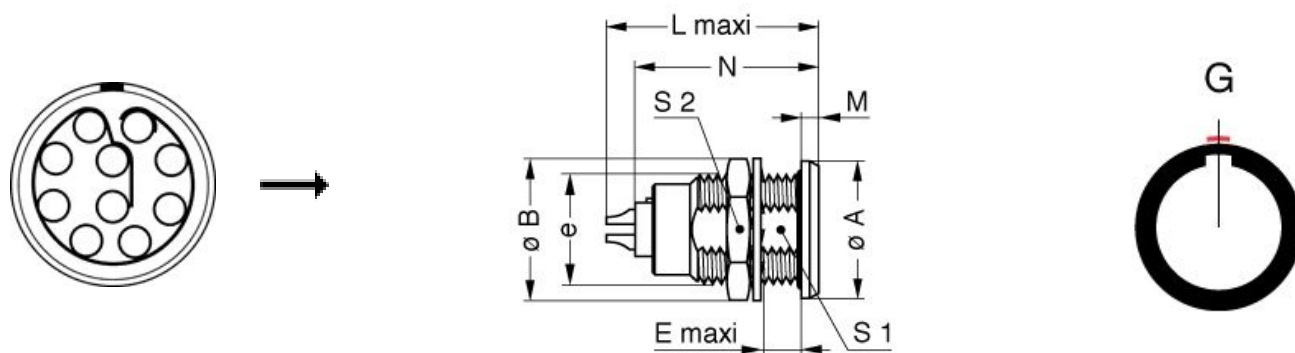
Contact Type: Solder  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1 mm (0.039in)  
Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
R (max): 3.6 mOhm  
Vtest (contact-shell): 900 V (AC), 1270 V (DC)  
Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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## 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

## DRAWINGS



## Dimensions

	A	B	E	L	M	N	S1	S2	e
mm.	23.5	25.1	9.6	30.1	2.5	25	16.5	22	M18x1.0
in.	0,93	0,99	0,38	1,19	0,10	0,98	0,65	0,87	

## RECOMMENDED BY LEMO

### Tools

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## Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGC			
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110260	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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