

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series	0T
Termination type	Female solder
IP rating	68
AWG wire size	36.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.0T.312.KLAC35</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting
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
Variant	P : Watertight
Weight	4.76 g

### Performance

Configuration	0T.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	1.5 Amps

### Specifications

Contact Type: Solder  
Contact Dia.: 0.35 mm (0.01in)  
Bucket Dia.: 0.4 mm (0.016in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.05 mm<sup>2</sup> (AWG 30)  
R (max): 8.7 mOhm

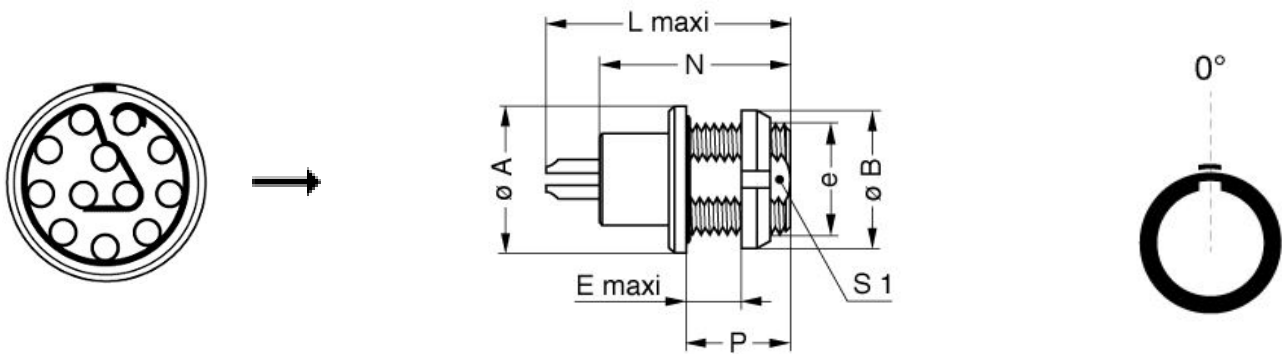
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Vtest (contact-shell): 1000 V (AC), 1400 (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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)  
Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	E	L	N	P	S1	e
mm.	12	12	6.5	22	18.5	9	8.2	M9x0.6
in.	0,47	0,47	0,26	0,87	0,73	0,35	0,32	

RECOMMENDED BY LEMO

Tools

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Cables

CMN.12.T28.054PGZE		Grey	
CMN.12.T28.054PNZE			
112280	PVC	Black	
12050	PVC	Black	
124080	PVC	Grey	
124084	PVC	Black	

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