

## SUMMARY

### # Wires

Low voltage	14
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*Image is for illustrative purpose only*

Series	1T
Termination type	Male crimp
IP rating	68
AWG wire size	32.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing, back panel mounting
Keying	2 keys (gamma=80; plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Weight	7.26 g

### Performance

Configuration	T.314 : 14 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	2 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 12 N  
Contact Dia.: 0.5 mm (0.02in)  
Bucket Dia.: 0.45 mm (0.018in)  
Min. Conductor: 0.035 mm<sup>2</sup> (AWG 32)  
Max. Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1600 V (AC), 2250 V (DC)

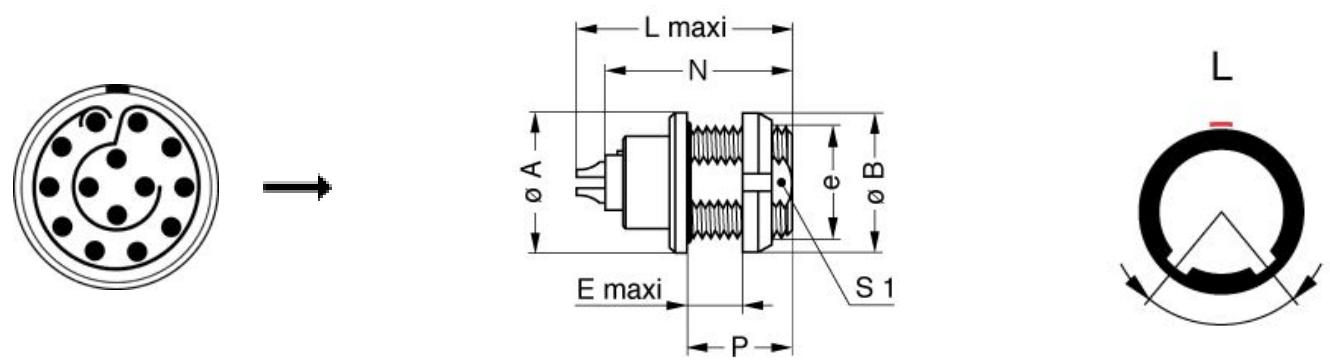
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Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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

DRAWINGS



Dimensions

	A	B	E	L	N	P	S1	e
mm.	15.5	16	6.5	23	21.5	10	10.5	M12x1.0
in.	0,61	0,63	0,26	0,91	0,85	0,39	0,41	

RECOMMENDED BY LEMO

Tools

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Crimp Tool: [DPC.91.701.V](#)

Positionner: [DCE.91.051.BVC](#)

Extractor: [DCF.91.050.2LT](#)

Cables

CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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