

SUMMARY

Wires

Low voltage	12
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Image is for illustrative purpose only

Series	0T
Termination type	Male solder
IP rating	68
AWG wire size	36.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGL.0T.312.CLLC50

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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	4.47 g

Performance

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

Specifications

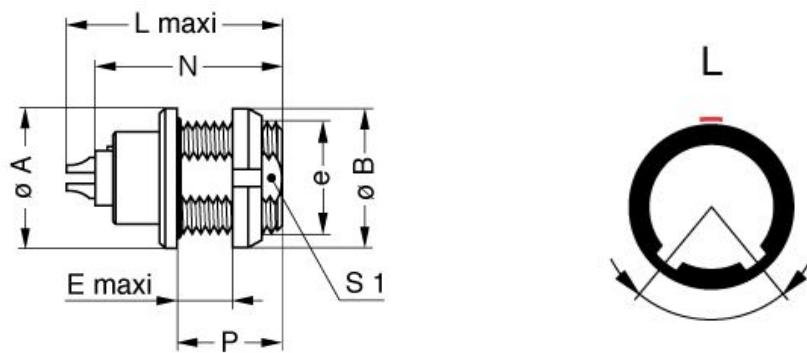
Contact Type:	Solder
Contact Dia.:	0.35 mm (0.01in)
Bucket Dia.:	0.4 mm (0.016in)
Max. Solid Conductor:	0.09 mm ² (AWG 28)
Max. Stranded Conductor:	0.05 mm ² (AWG 30)
R (max):	8.7 mOhm
Vtest (contact-shell):	1000 V (AC), 1400 (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

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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

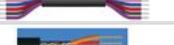
	A	B	E	Lmax	Nmax	P	S1	e
mm.	12	12	6.5	21	19.1	9	8.2	M9x0.6
in.	0,47	0,47	0,26	0,83	0,75	0,35	0,32	

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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