

SUMMARY

Wires

Low voltage	7
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Image is for illustrative purpose only

Series	0T
Termination type	Female print 90° PCB
IP rating	68
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0T.307.CLAC50Z

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing, with elbow contacts for printed circuit (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female 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	5.32 g

Performance

Configuration	T.307 : 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

Specifications

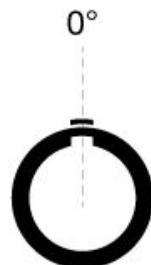
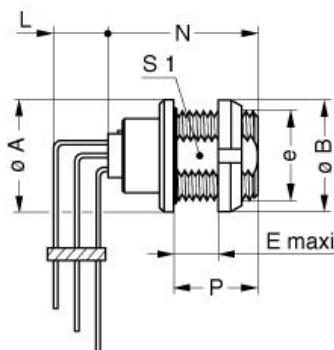
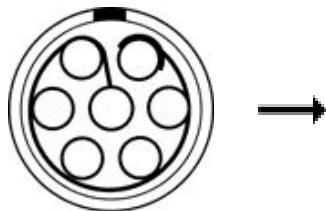
Contact Type:	Print (elbow)
Contact Dia.:	0.5 mm (0.02in)
R (max):	8.7 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

Others

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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	N	P	S1	e
mm.	12	12	6.5	23.58	16	9	8.2	M9x0.6
in.	0,47	0,47	0,26	0,93	0,63	0,35	0,32	

RECOMMENDED BY LEMO

Tools

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