

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 7

Series	1T
Termination type	Female print 90° PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGA.1T.307.CLAC40Z

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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	2 keys (alpha=30, 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	7.27 g

Performance

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

Specifications

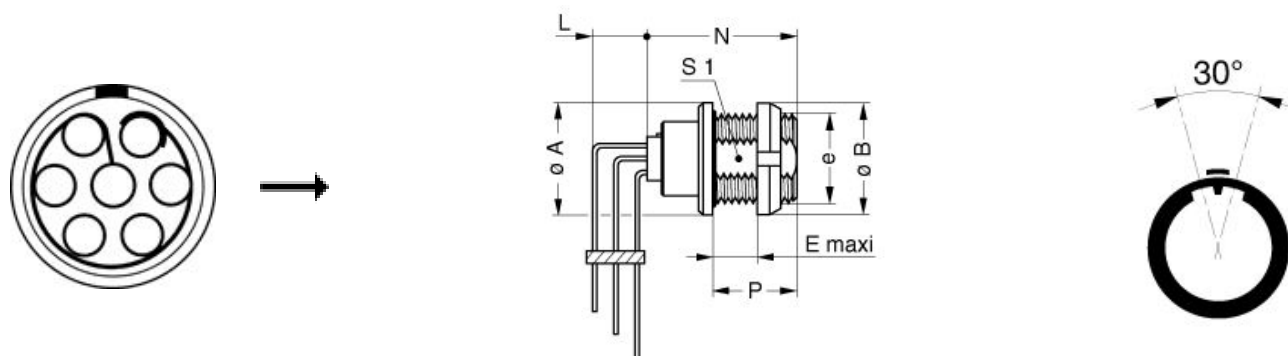
Contact Type: Print (elbow)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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.	15.5	16	6.5	31.36	18.7	10	10.5	M12x1.0
in.	0,61	0,63	0,26	1,23	0,74	0,39	0,41	

RECOMMENDED BY LEMO

Tools

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