

SUMMARY

Wires

Low voltage	7
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Image is for illustrative purpose only

Series	1T
Termination type	Female print PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.1T.307.KLAC50

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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	20.26 g

Performance

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

Specifications

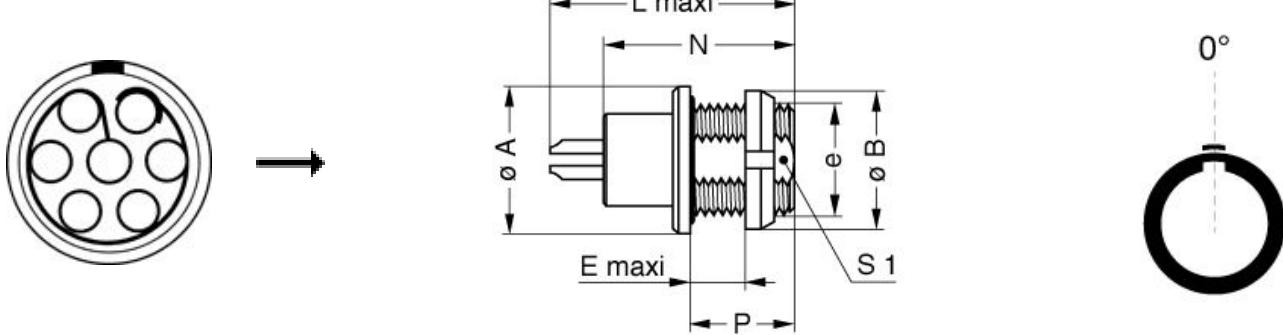
Contact Type:	Print (straight)
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Vtest (contact-shell):	1050 V (AC), 1490 V (DC)
Vtest (contact-contact):	950 V (AC), 1340 V (DC)

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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.	15.5	16	6.5	26	21.5	10	10.5	M12x1.0
in.	0,61	0,63	0,26	1,02	0,85	0,39	0,41	

RECOMMENDED BY LEMO

Tools

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