EAG.1T.512.CTN

SUMMARY

Wires

Low voltage	7

Image is for illustrative purpose only

Series	1T
Termination type	Female print PCB
IP rating	68 mated (mating interface)
AWG wire size	0.00 - 0.00
Cable Ø	0.00 - 0.00 mm
Status	obsolete

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PCB Eagle Pattern

PCB Altium Pattern

PCB KiCad Pattern

TECHNICAL DETAILS

Mechanics

Shell Style/Model	EA*: Fixed receptacle, nut fixing (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	10.77 g

Performance

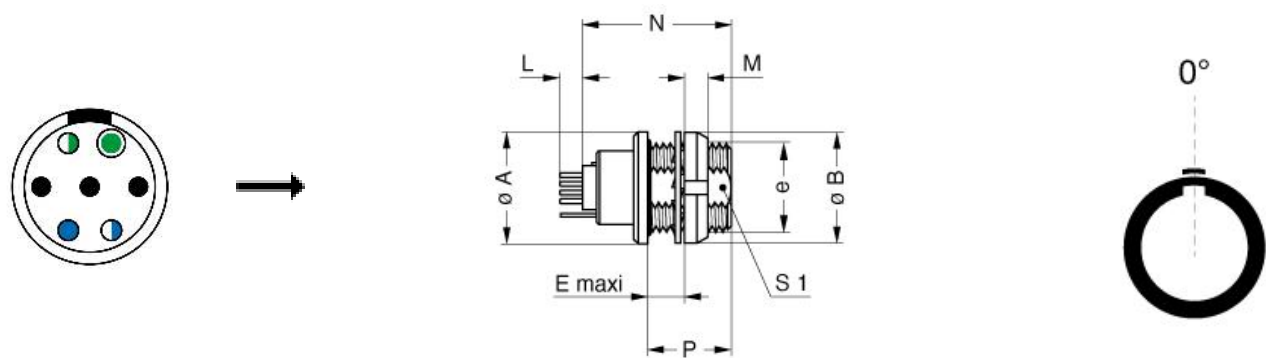|	
Configuration	1T.512 : 2x SPE - 4 High Speed, Low Voltage (1000BASE-T1 (IEEE 802.3bp)) + 3 Ground contacts
Insulator	T: PTFE
Rated Current	

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	M	N	P	S1	e
mm.	15.5	16	6.5	4.2	3.5	14.5	10	10.5	M12x1
in.	0,61	0,63	0,26	0,17	0,14	0,57	0,39	0,41	

RECOMMENDED BY LEMO

Tools

Spanner wrench: Socket for torque wrench DCM.1S.M12.4