

SUMMARY

Wires

Low voltage 7



Image is for illustrative purpose only

Series	1T
Termination type	Male solder
IP rating	68 mated (mating interface)
AWG wire size	30.00 - 26.00
Cable Ø	4.10 - 4.50 mm
Status	Active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug, cable collet
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	18.74 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	

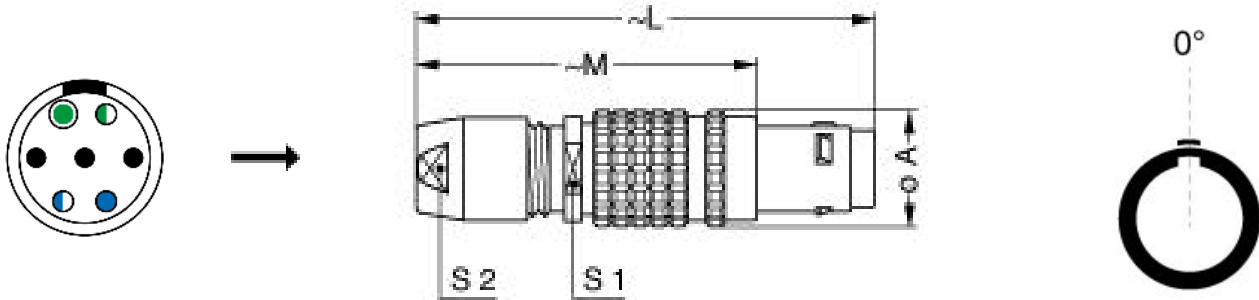
Others

Endurance (Shell): >3000 mating cycles
Temp (min / max): -55° C / +200° C
Humidity (max): <=95% [at 60 deg C /140 F]

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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	L	M	S1	S2
mm.	12	46	35	11	9
in.	0,47	1,81	1,38	0,43	0,35

RECOMMENDED BY LEMO

Tools

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