

SUMMARY



Wires

Low	6
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0
Material	Brass

Series	1B
Termination type	Male solder
IP rating	50
Cable Ø (mm)	6.30 - 7.20
Wire size / AWG	24.00 - 24.00

TECHNICAL DETAILS

Mechanics

Shell Style/Model	PH*: Free receptacle, cable collet and nut for fitting a bend relief
Keying	2 keys (gamma=45, plug: female contacts, receptacle: male contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	: 6.3 - 7.2 mm
Variant	Z : Nut for fitting a bend relief

Performance

Configuration	1B.306 : 6 Low Voltage
Insulator	
Rated Current	7

Specifications

Contact Type: Solder
Max. Matings: 5000
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Max. Stranded Conductor: 0.34 mm ² (AWG 22)
Max. Conductor: 0.34 mm ² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1050 V (AC), 1490 V (DC)

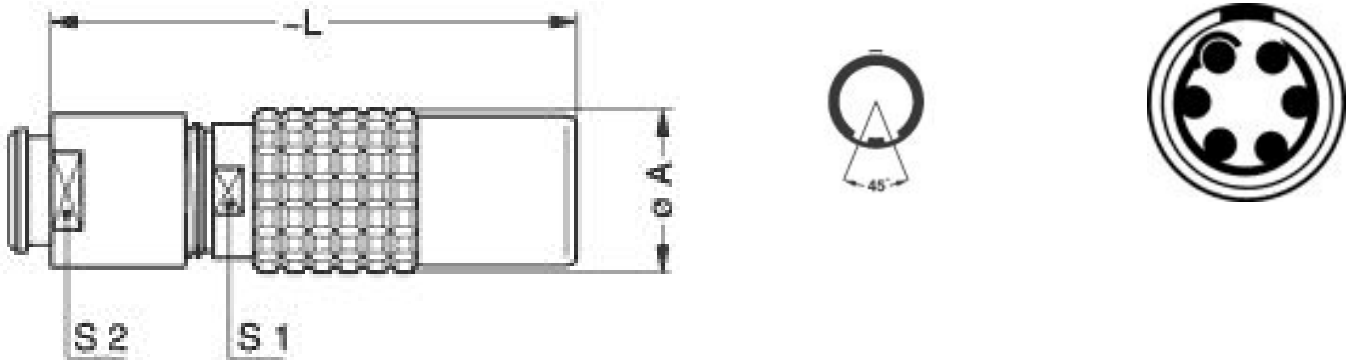
Others

Temp (min): -55 C
Temp (max): +250 C
Humidity (max): <=95% [at 60 deg C / 140 F]

Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Salt Spray Corrosion: >144 hr
 Climatical Category: 50/175/21
 Shielding (min): 75 dB (10 MHz)
 Shielding (min): 40 dB (1 GHz)
 IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	L	S1	S2
mm.	12.5	39.5	10	9
in.	0.49	1.56	0.39	0.35

RECOMMENDED BY LEMO

Tools

Spanner: DCP.91.001.TN

Cables

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