

SUMMARY



Image is for illustrative purpose only

Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

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Series	1B
Termination type	Female print 90° PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	HC*: Fixed receptacle, nut fixing, watertight or vacuum-tight (watertight when mated, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	∅ 0 - 0 mm
Variant	P : Watertight

Performance

Configuration	1B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

Specifications

Contact Type: Print (elbow)
Max. Matings: 5000
Contact Dia.: 0.9 mm (0.035in)
R (max): 4.8 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)

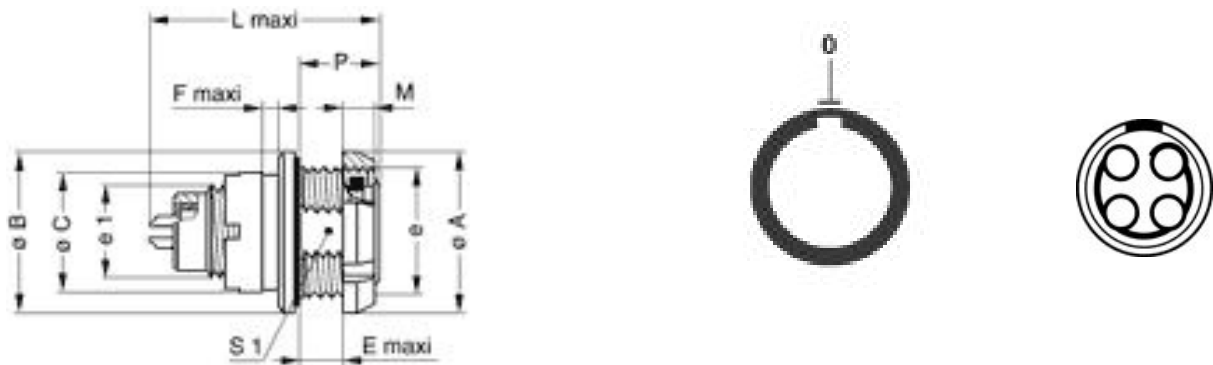
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Temp (min / max): -20° C / +80° 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: 20/80/21
Shielding (min): 75 dB (10 MHz)
Shielding (min): 40 dB (1 GHz)
Pressure: 60 bars
IP Rating: 68

DRAWINGS

Draws



Dimensions

	A	B	C	E	F	L	M	P	S1	e	e
mm.	20	20	14.5	6.2	2	29.7	3.5	10	14.5	M16x1.0	M12x1.0
in.	0,79	0,79	0,57	0,24	0,08	1,17	0,14	0,39	0,57		

RECOMMENDED BY LEMO

Tools

None

Cables

