

## SUMMARY



*Image is for illustrative purpose only*

### # Wires

Low	5
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	0B
Termination type	Female print PCB
IP rating	50
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	
Alternative part	

### Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EX*: Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Housing Material	PPS (Polyphenylene) shell, other pieces nickel plated brass
Cable Fixing	∅ 0 - 0 mm
Variant	

### Performance

Configuration	0B.305/EXG : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	6 Amps

### Specifications

Contact Type:	Print (straight)
Max. Matings:	5000
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Vtest (contact-shell):	700 V (AC), 990 V (DC)

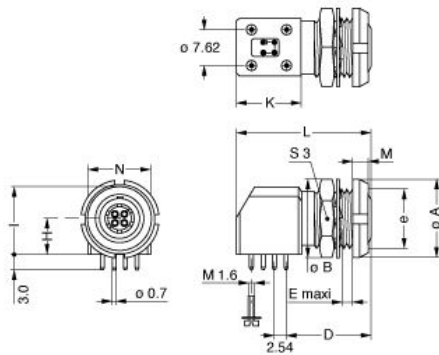
Vtest (contact-contact): 1000 V (AC), 1400 V (DC)

## Others

Endurance (Shell): 5000  
Temp (min / max): -55 °C / +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: >1000 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	B	D	E	H	I	K	L	M	N	S3	e
mm.	12	12.5	14.6	6	6.9	12.6	13.2	25	2.5	10.5	11	M9x0.6
in.	0,47	0,49	0,57	0,24	0,27	0,50	0,52	0,98	0,10	0,41	0,43	

## RECOMMENDED BY LEMO

### Tools

None

### Cables

