

## SUMMARY

### # Wires

Low voltage 4



*Image is for illustrative purpose only*

Series	1B
Termination type	Male print PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">EGG.1B.304.CLN</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FW*: Fixed plug, nut fixing
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	12.72 g

### Performance

Configuration	1B.304 : 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

Contact Type: Print (straight)  
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)  
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

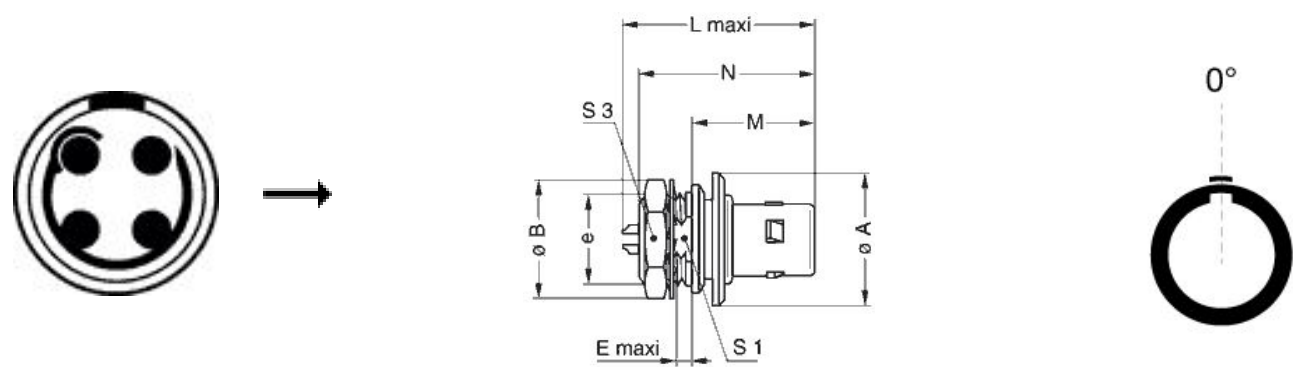
### Others

Endurance (Shell): 5000  
Temp (min / max): -55°C / +250°C

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Humidity (max): <=95% [at 60 deg C /140 F]  
Vibration: 15 g [10 Hz - 2000 Hz]  
Shock Resistance: 100 g [ 6 ms]  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

# DRAWINGS



## Dimensions

	A	B	E	L	M	N	S1	S2	e
mm.	18	16	2.9	24.9	17	24.8	10.5	14	M12x1.0
in.	0,71	0,63	0,11	0,98	0,67	0,98	0,41	0,55	

# RECOMMENDED BY LEMO

## Tools

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