

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	2B
Termination type	Female print PCB
IP rating	68
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGB.2B.308.CLAD72Z</a>

### Download

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[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
Keying	2 keys (alpha=45, 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
Variant	PH : Watertight, Viton O-Ring
Weight	19.48 g

### Performance

Configuration	2B.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	10 Amps

### Specifications

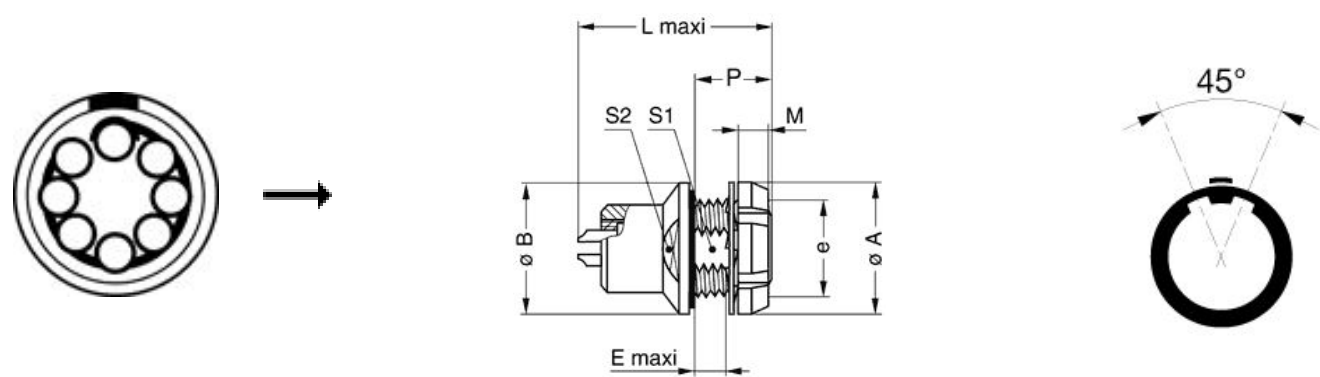
Contact Type: Print (straight)  
Contact Dia.: 0.9 mm (0.035in)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 1500 V (AC), 2120 V (DC)

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Others

- Endurance (Shell): 5000
- 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]
- Climatical Category: 20/80/21
- Shielding (min): 75 dB (10 MHz)
- Shielding (min): 40 dB (1 GHz)
- Salt Spray Corrosion: >1000 hr
- Pressure: 40 bars

DRAWINGS



Dimensions

	A	B	E	L	M	P	S1	S2	e
mm.	20	20	5.5	31.6	3.5	9.6	13.5	15	M15x1.0
in.	0,79	0,79	0,22	1,24	0,14	0,38	0,53	0,59	

RECOMMENDED BY LEMO

Tools

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