

## SUMMARY

### # Wires

Low voltage	10
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*Image is for illustrative purpose only*

Series	2B
Termination type	Female print 90° PCB
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGA.2B.310.CLAD62</a>

### Download

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

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EE*: Fixed receptacle, nut fixing with elbow contacts for printed circuit(back panel mounting)
Keying	2 keys (alpha=30, 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	17.99 g

### Performance

Configuration	2B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	

### Specifications

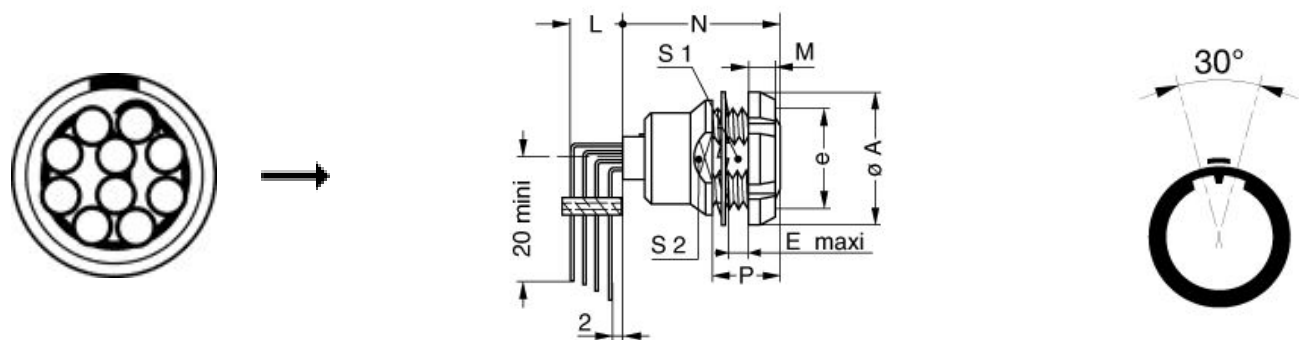
Contact Type: Print (elbow)  
Contact Dia.: 0.9 mm (0.035in)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

### Others

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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]  
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	E <sub>max</sub>	M	N	P	e
mm.	20	4.3	3.5	21.5	9	M15x1
in.	0,79	0,17	0,14	0,85	0,35	

## RECOMMENDED BY LEMO

### Tools

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