

## SUMMARY

### # Wires

Low voltage 19



*Image is for illustrative purpose only*

Series 2F  
Termination type  
IP rating 68  
AWG wire size 30.00 - 22.00  
Cable Ø 5.30 - 14.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model HE\*: Fixed receptacle, nut fixing, for printed circuit (back panel mounting)  
Keying 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)  
Housing Material Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass  
Variant P : Watertight  
Weight 9.96 g

### Performance

Configuration 2F.319 : 19 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 5 Amps

### Specifications

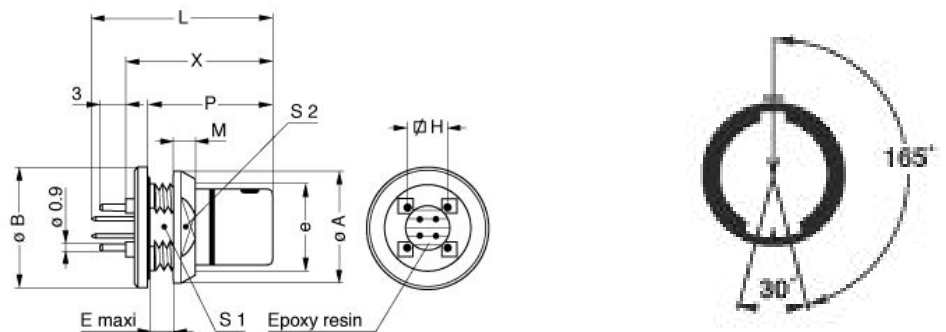
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm

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## Others

Endurance (Shell): 1000 mating cycles  
 Temp (min / max): -15°C / +100°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: 15/200/21 (Aluminium shell)  
 Salt Spray Corrosion: max. 48 hr  
 Pressure: 5 bars

## DRAWINGS



## Dimensions

	A	B	E	H	L	M	P	S1	S2	X	e
mm.	20	20	3	8.89	21.5	4	14.5	14.5	17	17.5	M16x1.0
in.	0,79	0,79	0,12	0,35	0,85	0,16	0,57	0,57	0,67	0,69	

## RECOMMENDED BY LEMO

## Tools

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## Cables

CMN.19.T22.079QGZE	TPR (medical)	Grey	
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