

SUMMARY

Wires

Low voltage 30



Image is for illustrative purpose only

Series 3F
Termination type Male print PCB
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGT.3F.330.XLM](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HE*: Fixed receptacle, nut fixing, for printed circuit (back panel mounting)
Keying 3 keys (alpha=135, gamma=90, plug: female contacts, receptacle: male contacts)
Housing Material Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Variant P : Watertight
Weight 10.16 g

Performance

Configuration 3F.330 : 30 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 3.5 Amps

Specifications

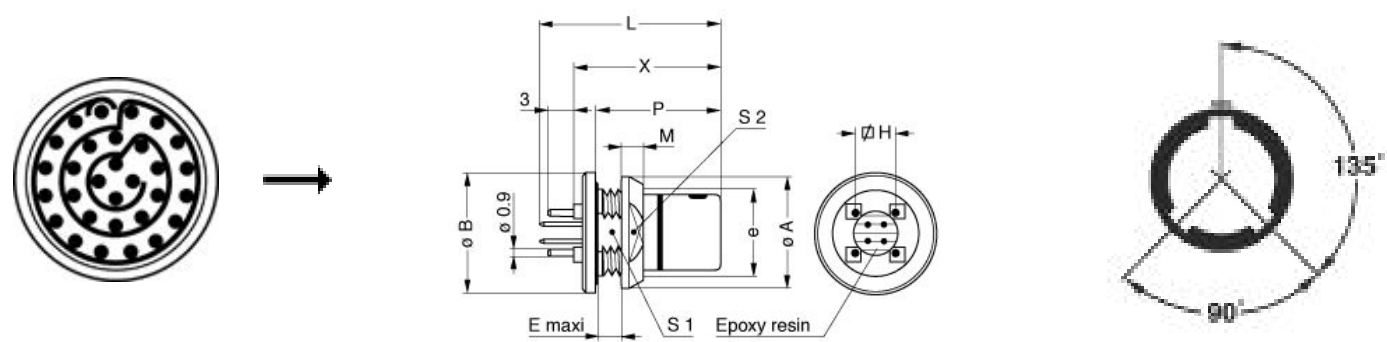
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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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.	22	23	3	11.43	23	4	16	16.5	19	19	M18x1.0
in.	0,87	0,91	0,12	0,45	0,91	0,16	0,63	0,65	0,75	0,75	

RECOMMENDED BY LEMO

Tools

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