

SUMMARY

Wires

Low voltage	8
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Image is for illustrative purpose only

Series	2F
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	FGN.2F.308.XLC

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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	8.72 g

Performance

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

Specifications

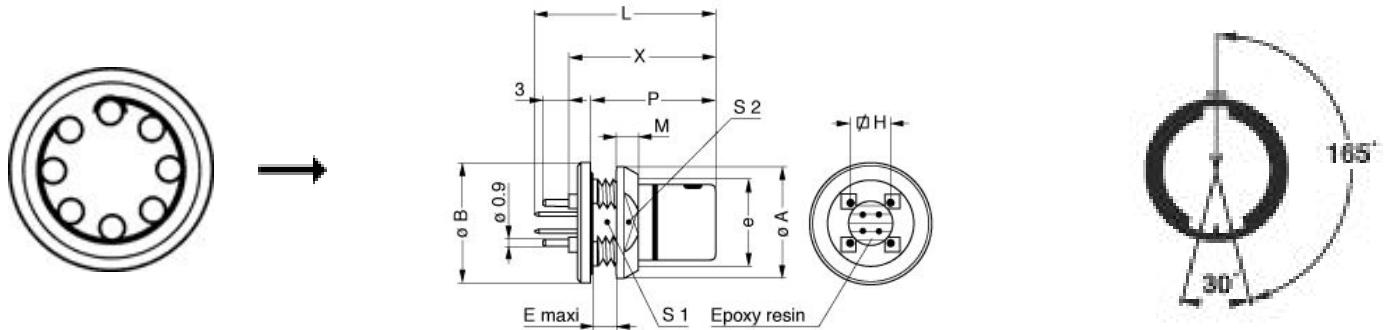
Contact Type:	Print (straight)
Contact Dia.:	0.9 mm (0.035in)
R (max):	4.8 mOhm
Vtest (contact-shell):	1950 V (AC), 2750 V (DC)
Vtest (contact-contact):	1950 V (AC), 2750 V (DC)

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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.	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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