HEN.1F.308.CLNP

SUMMARY

Wires

Low voltage	8

Image is for illustrative purpose only

Series	1F
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.1F.308.CLC

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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, for printed circuit (back panel mounting)
Keying	3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated [SAE AMS 2460]) shell and nut, other pieces brass
Variant	P : Watertight
Weight	11.78 g

Performance

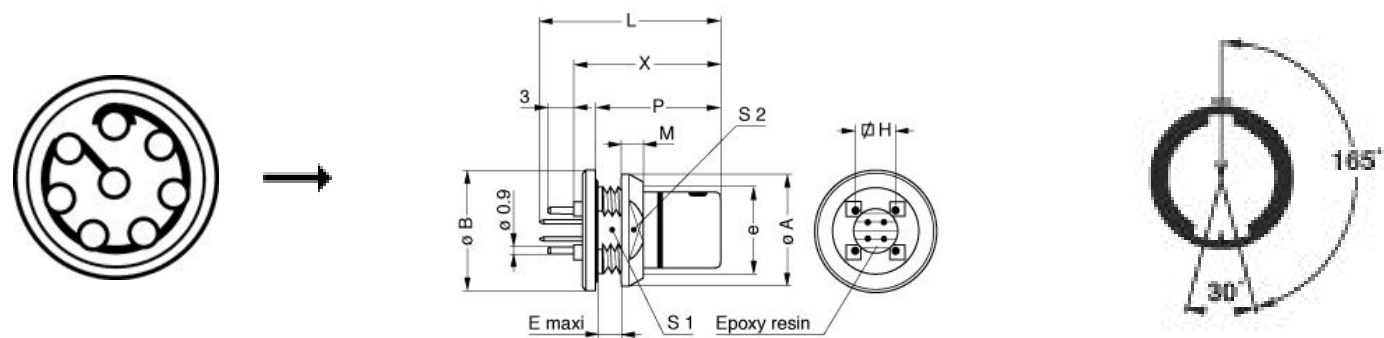|	
Configuration	1F.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -50˚C / +150˚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 (Aluminium shell)
Salt Spray Corrosion: >1000 hr
Pressure: 5 bars

DRAWINGS

Dimensions

	A	B	E	H	L	M	P	S1	S2	X	e
mm.	17	17	3	7.62	21.5	3.2	14.5	11.5	14	17.5	M13x0.75
in.	0,67	0,67	0,12	0,30	0,85	0,13	0,57	0,45	0,55	0,69	

RECOMMENDED BY LEMO

Tools