HEN.1F.303.XLNP

SUMMARY

Wires

Low voltage	**3**



Image is for illustrative purpose only

Series	1F
Termination type	Female print PCB
IP rating	68
AWG wire size	28.00 - 20.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGN.1F.303.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	5.27 g

Performance

Configuration	1F.303 : 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	12 Amps

Specifications

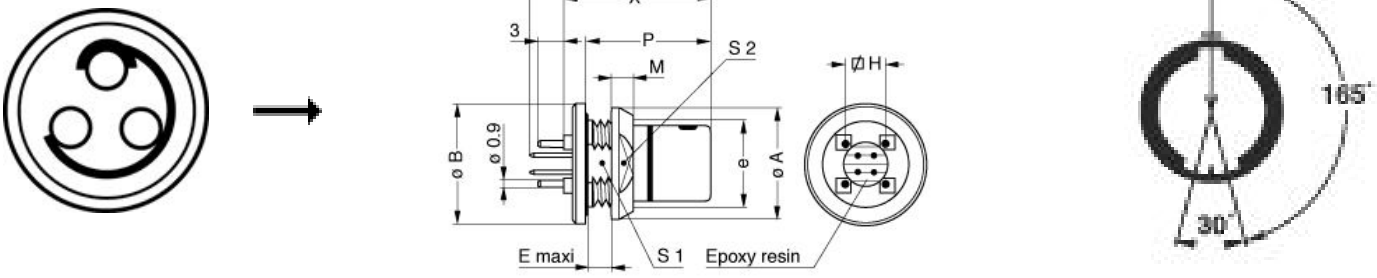
Contact Type: Print (straight)
Contact Dia.: 1.3 mm (0.051in)
R (max): 3.6 mOhm
Vtest (contact-shell): 1850 V (AC), 2600 V (DC)
Vtest (contact-contact): 1600 V (AC), 2250 V (DC)

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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.	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

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