HES.3F.322.XLDP

SUMMARY

Wires

Low voltage	**22**

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	FGS.3F.322.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 (beta=140, gamma=80, 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	16.52 g

Performance

Configuration	3F.322 : 22 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	5.5 Amps

Specifications

Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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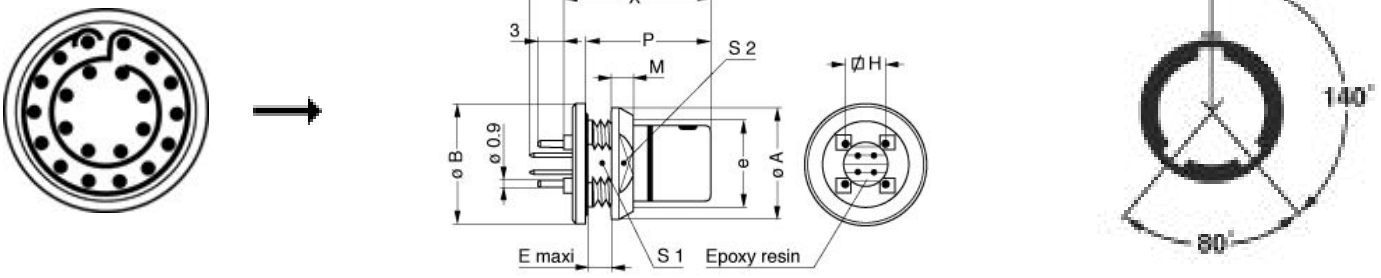
Others

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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