

SUMMARY



Image is for illustrative purpose only

Wires

Low	19
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0

Series	2F
Termination type	Female print PCB
IP rating	68
Cable Ø	0.00 - 0.00 mm
Matching parts	
Status	active
Alternative part	

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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=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Brass (chrome plated) shell and nut, other pieces brass
Cable Fixing	∅ 0 - 0 mm
Variant	P : Watertight
Weight	17.69 g

Performance

Configuration	2F.319 : 19 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	5 Amps

Specifications

Contact Type: Print (straight)
Max. Matings: 5000

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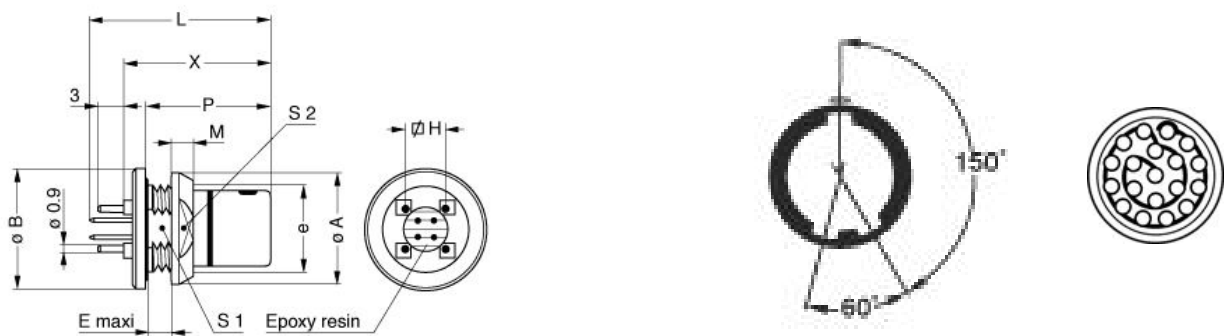
Contact Dia.: 0.7 mm (0.028in)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1650 V (AC), 2350 V (DC)
 Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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)
 Pressure: 5 bars
 IP Rating: 68

DRAWINGS

Draws



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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None

Cables

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