

SUMMARY

Wires

Low voltage	30
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Image is for illustrative purpose only

Series	3F
Termination type	Female print PCB
IP rating	67
AWG wire size	30.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGN.3F.330.XLC

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- [PCB KiCad Pattern](#)
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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EH*: Fixed receptacle, nut fixing (back panel mounting, printed circuit mounting possible)
Keying	3 keys (beta=150, gamma=60, 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
Weight	11.46 g

Performance

Configuration	3F.330 : 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3.5 Amps

Specifications

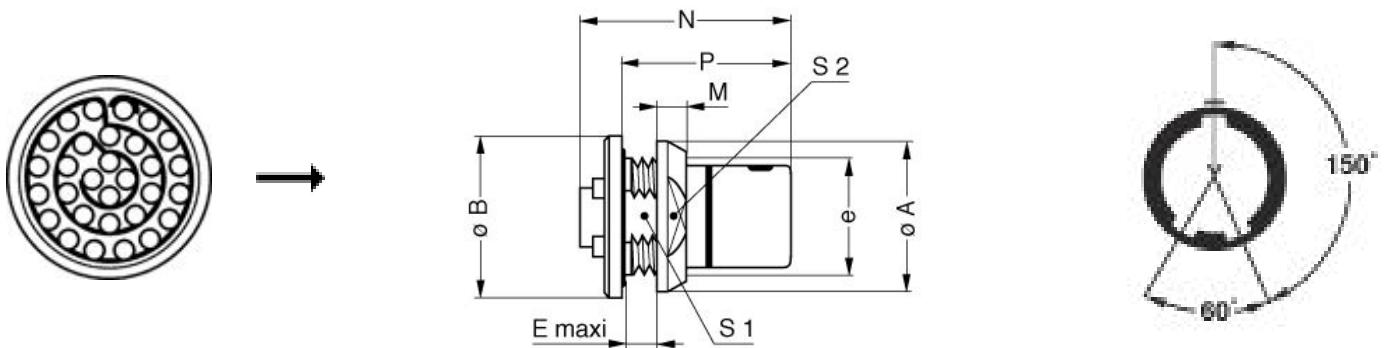
Contact Type:	Print (straight)
Contact Dia.:	0.7 mm (0.028in)
R (max):	6.1 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest (contact-contact):	1350 V (AC), 1910 V (DC)

Others

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Endurance (Shell): 1000 mating cycles
 Temp (min / max): -15°C / +200°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

DRAWINGS



Dimensions

	A	B	E	H	L	M	P	S1	S2	e
mm.	22	23	3	11.43	21.6	4	14.5	16.5	19	M18x1.0
in.	0,87	0,91	0,12	0,45	0,85	0,16	0,57	0,65	0,75	

RECOMMENDED BY LEMO

Tools

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