

SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

Series 2F
Termination type Female crimp
IP rating 50
AWG wire size 26.00 - 22.00
Cable Ø 5.30 - 14.00 mm
Status active
Matching parts [FGN.2F.319.XLC](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model EG*: Fixed receptacle, nut fixing
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
Weight 8.92 g

Performance

Configuration 2F.319 : 19 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5 Amps

Specifications

Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1650 V (AC), 2350 V (DC)

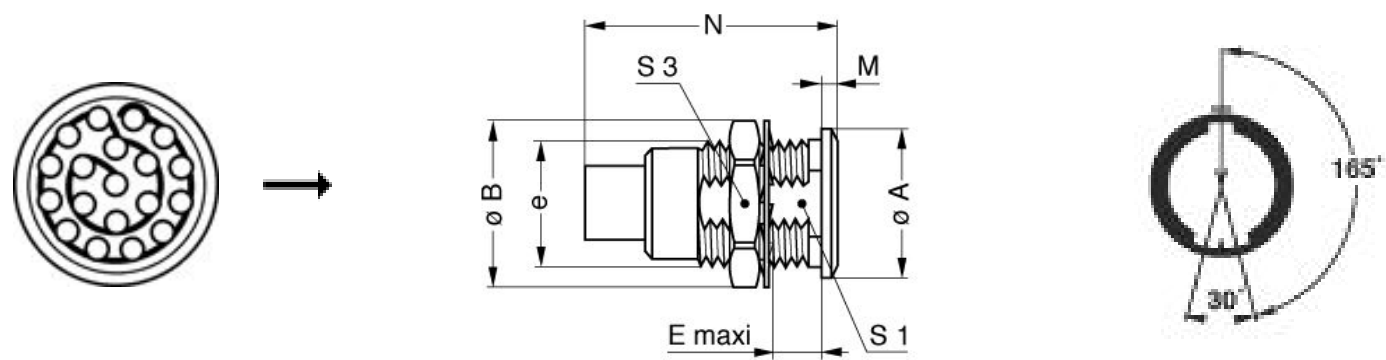
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Others

- 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	M	N	S1	S3	e
mm.	18	19.5	6	1.8	19	13.5	17	M15x1.0
in.	0,71	0,77	0,24	0,07	0,75	0,53	0,67	

RECOMMENDED BY LEMO

Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5

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Positionner: [DCE.91.070.BVM](#)
Extractor: [DCF.93.070.4LT](#)
Replacement contact: EGG.0B.655.ZZM

Cables

CMN.19.T22.079QGZE	TPR (medical)	Grey	
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