

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	FGP.2F.319.XLC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EG*: Fixed receptacle, nut fixing
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	8.90 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 mm ² (AWG 26)
Max. Conductor:	0.34 mm ² (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1650 V (AC), 2350 V (DC)

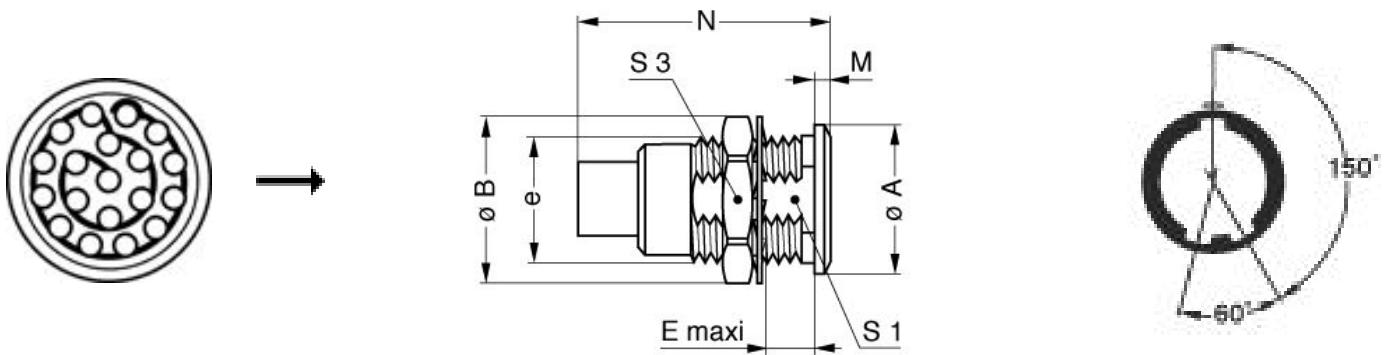
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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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