

## SUMMARY

### # Wires

Low voltage	19
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*Image is for illustrative purpose only*

Series	2F
Termination type	Female crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 14.00 mm
Status	active
Matching parts	<a href="#">EGS.2F.319.XLC</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug
Keying	3 keys (beta=155, gamma=50, 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
Weight	13.54 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 <sup>2</sup> (AWG 26)
Max. Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	6.1 mOhm
Vtest (contact-shell):	1650 V (AC), 2350 V (DC)

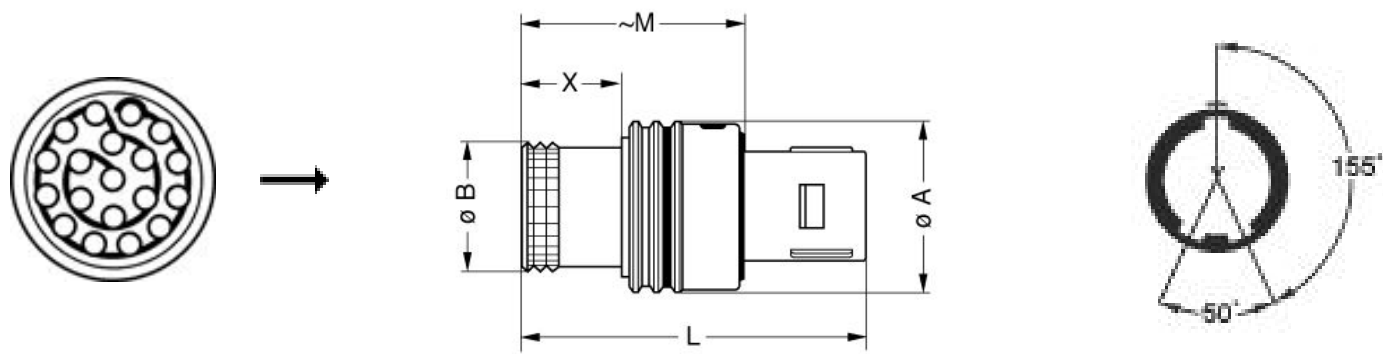
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Others

- Endurance (Shell): 1000 mating cycles
- Temp (min / max): -55°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]
- Operating temperature: -55°C/ +200°C
- Climatical Category: 15/200/21 (Aluminium shell)
- Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

	A	B	L	M	X
mm.	17	14	27.8	17.9	8
in.	0,67	0,55	1,09	0,70	0,31

RECOMMENDED BY LEMO

Tools

Crimp Tool: [DPC.91.701.V](#)

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Crimp settings:                   AWG/Selector = 22-24-26/6-5-5  
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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