

SUMMARY

Wires

Low voltage 19



Image is for illustrative purpose only

Series 2F

Termination type

IP rating 67

AWG wire size 32.00 - 28.00

Cable Ø 5.30 - 14.00 mm

Status active

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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 13.34 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.: 0.45 mm (0.018in)

Min. Conductor: 0.035 mm² (AWG 32)

Max. Conductor: 0.09 mm² (AWG 28)

R (max): 6.1 mOhm

Vtest (contact-shell): 1650 V (AC), 2350 V (DC)

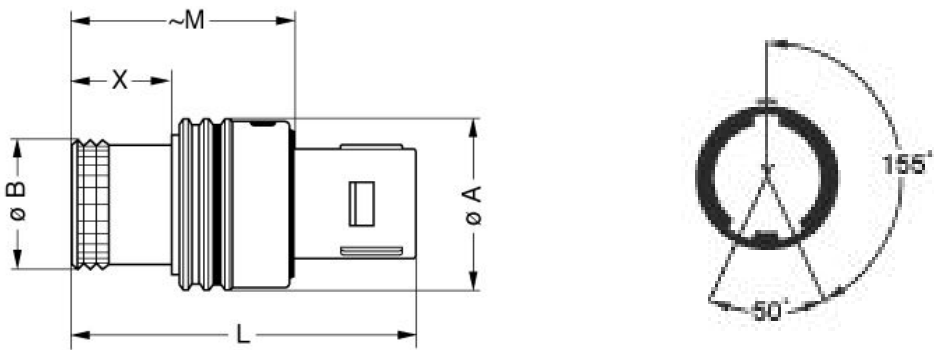
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Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

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	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](#)
- Crimp settings: AWG/Selector = 28-30-32/4-3-3

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Positionner: [DCE.91.070.BVM](#)
Extractor: [DCF.93.070.4LT](#)
Replacement contact: EGG.0B.656.ZZM

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