

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 0F  
Termination type Female crimp  
IP rating 67  
AWG wire size 26.00 - 22.00  
Cable Ø 3.80 - 9.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug  
Keying  
Housing Material Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces beryllium copper  
Weight 6.48 g

### Performance

Configuration 0F.305 : 5 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6.5 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): 1200 V (AC), 1700 V (DC)

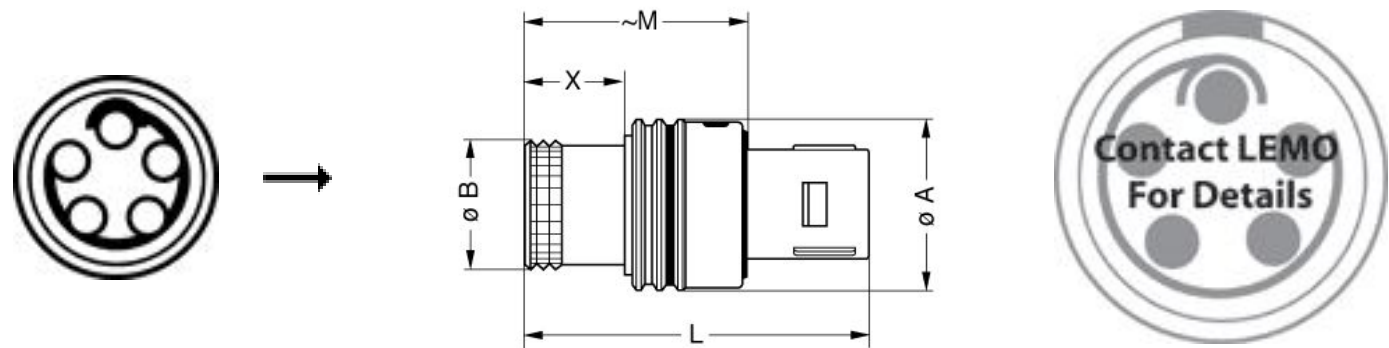
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

- Endurance (Shell): 300 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)

DRAWINGS



Dimensions

	A	B	L	M	X
mm.	12	9	27.5	17.8	8
in.	0,47	0,35	1,08	0,70	0,31

RECOMMENDED BY LEMO



Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 22-24-26/6-5-5
- Positionner: [DCE.91.070.BVM](#)

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

Cables

CMN.05.T22.051QGZE	TPR (medical)	Grey	
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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