

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 0F  
Termination type Male 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 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 beryllium copper  
Weight 5.54 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)

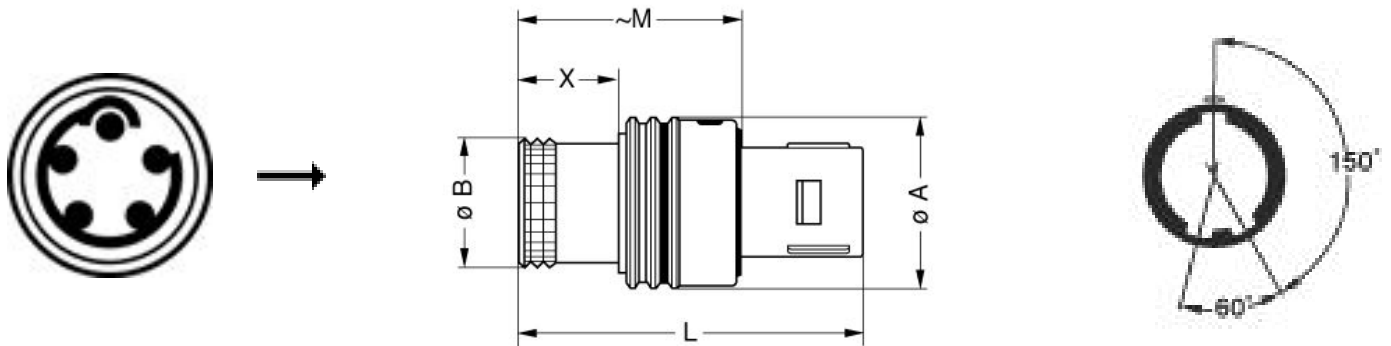
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

## 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

Extractor: [DCF.93.070.4LT](#)

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Replacement contact: FGG.0B.555.ZZC

## Cables

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

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