

SUMMARY

Wires

Low voltage 5



Image is for illustrative purpose only

Series 0F
Termination type Male crimp
IP rating 67 mated (mating interface)
AWG wire size 26.00 - 22.00
Cable Ø 3.80 - 9.00 mm
Status active

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[Catalog](#)

[See video assembly instructions](#)

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 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

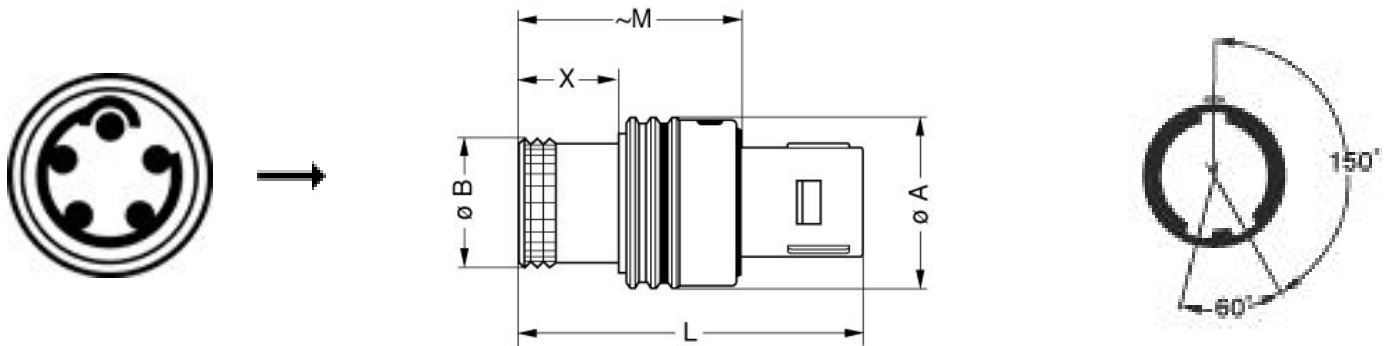
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Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

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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