

SUMMARY

Wires

Low voltage 22



Image is for illustrative purpose only

Series 3F
Termination type Male crimp
IP rating 67
AWG wire size 26.00 - 22.00
Cable Ø 5.30 - 16.00 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 Brass (chrome plated [SAE AMS 2460]) shell and nut, other pieces brass
Weight 20.02 g

Performance

Configuration 3F.322 : 22 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5.5 Amps

Specifications

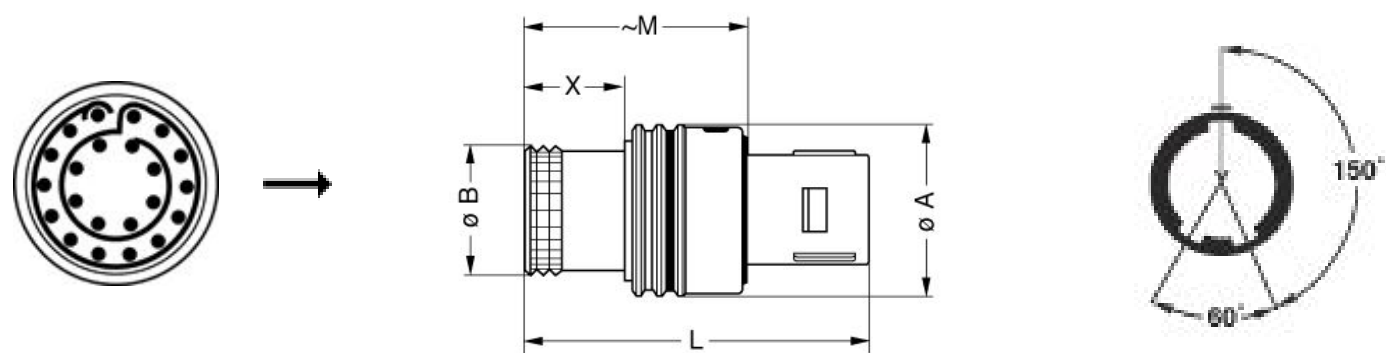
Contact Type: Crimp
Contact Retention: 22 N
Contact Dia.: 0.7 mm (0.028in)
Bucket Dia.: 0.8 mm (0.031in)
Min. Conductor: 0.14 mm² (AWG 26)
Max. Conductor: 0.34 mm² (AWG 22)
R (max): 6.1 mOhm
Vtest (contact-shell): 1450 V (AC), 2050 V (DC)
Vtest (contact-contact): 1700 V (AC), 2400 V (DC)

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Others

- Endurance (Shell): 5000 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]
- Climatical Category: 50/175/21 (Aluminium shell)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	B	L	M	X
mm.	19	16	27.8	17.9	8
in.	0,75	0,63	1,09	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.BVC](#)

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Extractor: [DCF.93.070.4LT](#)
Replacement contact: FGG.0B.555.ZZC

Cables

CMN.22.T30.054QGZE	TPR (medical)	Grey	
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