

SUMMARY

Wires

Low voltage 30



Image is for illustrative purpose only

Series	3F
Termination type	Female crimp
IP rating	67
AWG wire size	26.00 - 22.00
Cable Ø	5.30 - 16.00 mm
Status	active
Matching parts	EGS.3F.330.XLC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug
Keying	3 keys (beta=140, gamma=80, 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	18.16 g

Performance

Configuration	3F.330 : 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	3.5 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)

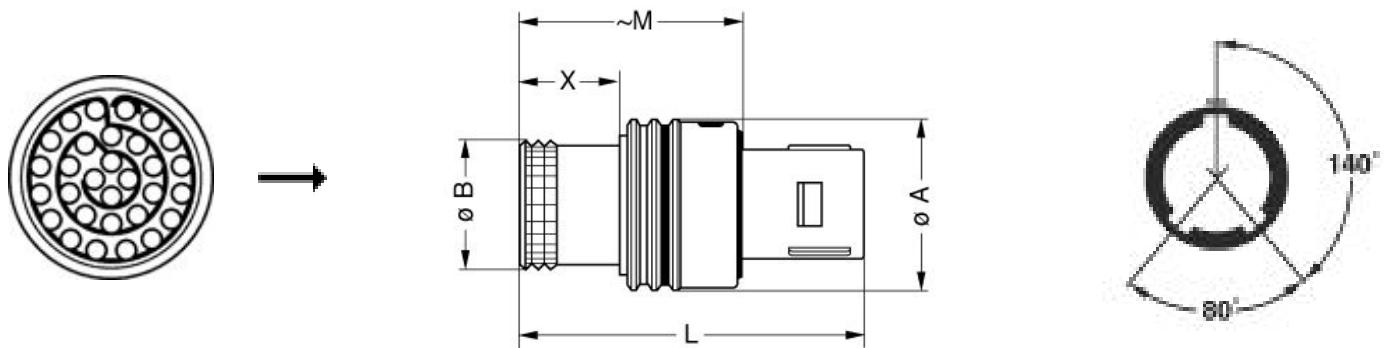
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Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Endurance (Shell): 1000 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]
Operating temperature: -55°C/ +200°C
Climatical Category: 15/200/21 (Aluminium shell)
Salt Spray Corrosion: max. 48 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](#)

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Crimp settings: AWG/Selector = 22-24-26/6-5-5
 Positionner: [DCE.91.071.FVM](#)
 Extractor: [DCF.93.070.4LT](#)
 Replacement contact: EGG.0B.655.ZZM

Cables

CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		Grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330240	PVC	Black	
330260	PVC	Black	
430250	PVC	Grey	

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