

SUMMARY

Wires

Low	30
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



Image is for illustrative purpose only

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Series	3F
Termination type	Male crimp
IP rating	67
Cable Ø	5.30 - 16.00 mm
Matching parts	EHN.3F.330.XLM
Status	active
Alternative part	

TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug
Keying	3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material	Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass
Cable Fixing	∅ 5.3 - 16 mm
Variant	
Weight	16.31 g

Performance

Configuration	3F.330 : 30 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	3.5 Amps

Specifications

Contact Type: Crimp
Max. Matings: 5000

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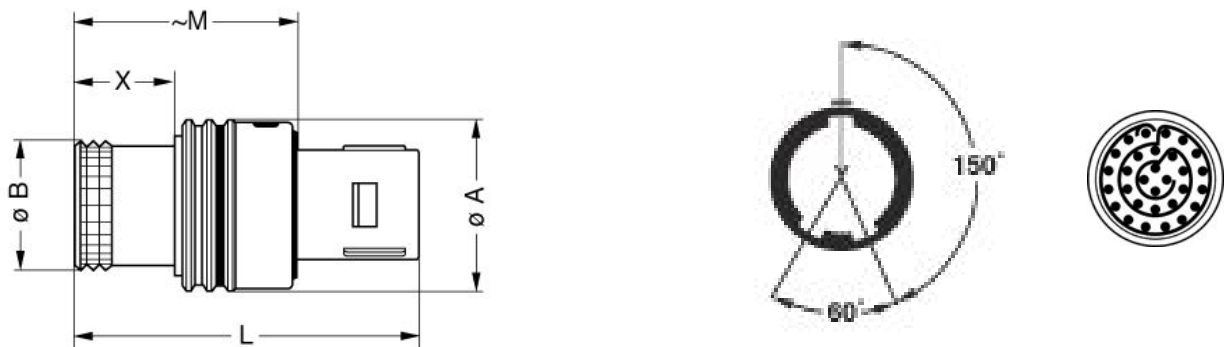
Contact Retention: 22 N
 Contact Dia.: 0.7 mm (0.028in)
 Bucket Dia.: 0.8 mm (0.031in)
 Min. Conductor: 0.14 mm² (AWG 26)
 Max. Conductor: 0.34 mm² (AWG 22)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1200 V (AC), 1700 V (DC)
 Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

Others

Endurance (Shell): 1000 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)
 IP Rating: 67

DRAWINGS

Draws



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

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RECOMMENDED BY LEMO

Tools

Crimp Tool: DPC.91.701.V
Positionner: DCE.91.070.BVC
Extractor: DCF.93.070.4LT
Replacement contact: FGG.3F.555.ZZC

Cables

CMN.30.T22.087PGCE	PVC	GREY	
CMN.30.T22.087PGZE		Grey	
CMN.30.T22.087PNCE	PVC	Black	
CMN.30.T22.087PNZE			
330 240	PVC	Black	
330 260	PVC	Black	
430 250	PVC	Grey	

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