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FGS.2F.310.XLM

SUMMARY

Wires

Low voltage	**10**



Image is for illustrative purpose only

Series	2F
Termination type	Female crimp
IP rating	67
AWG wire size	24.00 - 20.00
Cable Ø	5.30 - 14.00 mm
Status	active
Matching parts	EGS.2F.310.XLC

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FG*: Straight plug
Keying	3 keys (beta=155, gamma=50, 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	12.47 g

Performance

Configuration	2F.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

Specifications

Contact Type: Crimp
Contact Retention: 30 N
Contact Dia.: 0.9 mm (0.035in)
Bucket Dia.: 1.1 mm (0.043in)
Min. Conductor: 0.25 mm^2 (AWG 24)
Max. Conductor: 0.5 mm^2 (AWG 20)
R (max): 4.8 mOhm
Vtest (contact-shell): 2100 V (AC), 2970 V (DC)

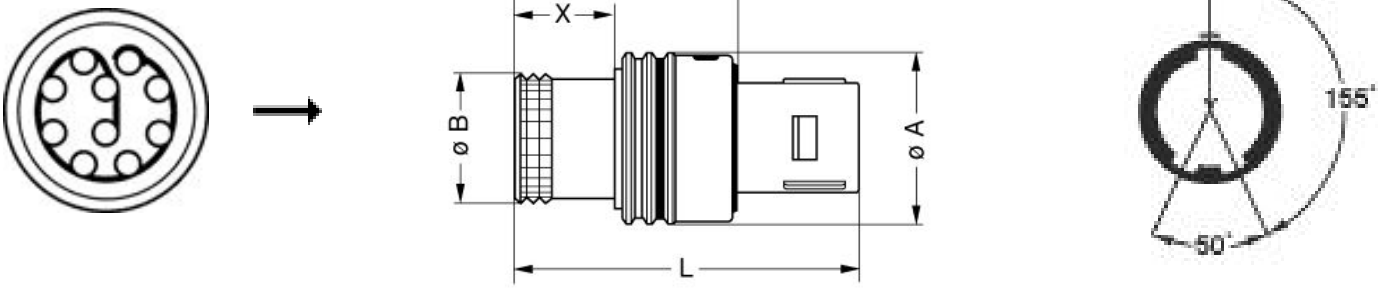
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Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

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)
Salt Spray Corrosion: max. 48 hr

DRAWINGS



Dimensions

	A	B	L	M	X
mm.	17	14	27.8	17.9	8
in.	0,67	0,55	1,09	0,70	0,31

RECOMMENDED BY LEMO

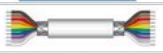
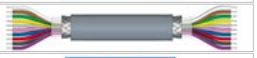
Tools

Crimp Tool: DPC.91.701.V
Crimp settings: AWG/Selector = 20-22-24/6-5-5

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Positionner:	DCE.91.090.BVM
Extractor:	DCF.93.090.4LT
Replacement contact:	EGG.0B.660.ZZM

Cables

CMN.10.T20.080PGZE		Grey	
CMN.10.T20.080PNZE			
CMN.10.T20.080QGC	TPR	Grey	
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110220	PVC	Black	
110240	PTFE	White	
110280	PVC	Black	
210140	PVC	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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