

Part Number 

FGN.2F.319.XLC

Status Active

Size/Series 2F / F

Matching EGN.2F.319.XLM

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MECHANICAL DETAILS

Shell Style/Model FG*: Straight plug

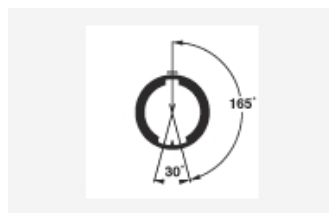
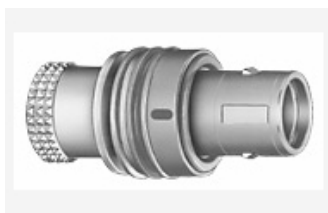
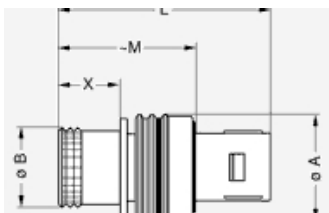
Keying 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts)

Housing Material Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass

Cable Fixing : 0 - 0 mm

Variant :

	A	B	L	M
mm.	17	14	27.5	18.2
in.	0.67	0.55	1.08	0.72



PERFORMANCE DETAILS

Insert Configuration 2F.319 : 19 Low Voltage

Insulator L: PEEK

Specifications

Contact Type: Crimp

Max. Matings: 5000

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): 1650 V (AC), 2350 V (DC)

Vtest (contact-contact): 1550 V (AC), 2200 V (DC)

Rated Current: 5 A (AC/DC)

Positioner: DCE.91.070.BVC

OTHER CHARACTERISTICS

Endurance (Shell) 1000 mating cycles

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz]

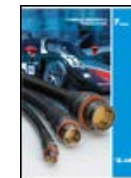
Shock Resistance: 100 g [6 ms]

Operating temperature: -15°C/ +200°C

Climatical Category: 15/200/21 (Aluminium shell)

IP Rating 67

Catalog



[Download 3D draw](#)

" "; " "; " "; " "; Note: You can still get the CAD file even if no 3D preview is displayed below.

The 3D viewer requires the Java Runtime Environment (JRE) and for Java to be enabled on your system.

If Java is not installed, go to <http://www.java.com/en/download/manual.jsp>
For the Firefox users, Java can be blocked by your browser. More info on : <https://addons.mozilla.org/en-US/firefox/blocked/p80>