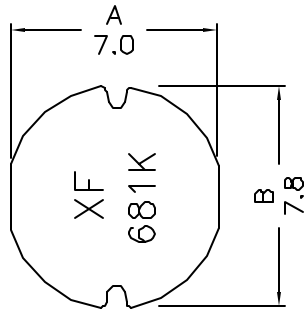
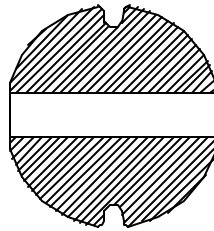


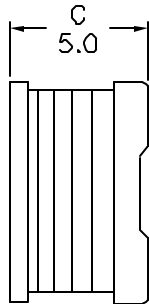
### 1. Mechanical Dimensions:



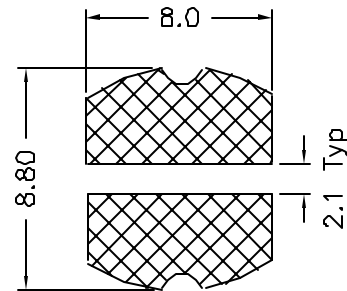
TOP VIEW



BOTTOM VIEW

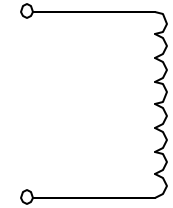


SIDE VIEW



SUGGESTED PAD LAYOUT

### 2. Schematic:



### 3. Electrical Specifications: @25°C

QCL: 680uH±10% @130KHz, 0.1V

DC Res.: 2.10 Ohms Max

DC Current: 0.300A<sub>dc</sub> Max

Q: 20 Min @ 130KHz, 0.1V

**Notes:**

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C, UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/5

<b>XFMRs Inc.</b> www.XFMRS.com		Title: SMD Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM	P/N: XFSDR75-681K		REV. A
	DWN.	Feng	Jul-21-11
	CHK.	YK Liao	Jul-21-11
SHT 1 OF 1	APP.	Joe Huff	Jul-21-11