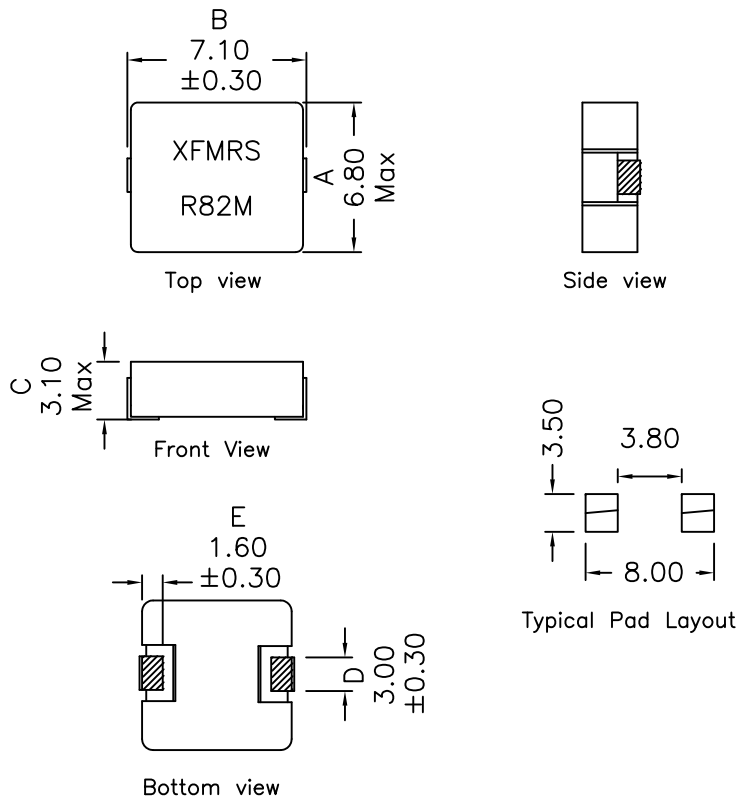
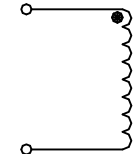


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

INDUCTANCE: 0.82uH±20% @100KHz 0.25V, 0.0Adc
 DCR: 8.000 mOhms Max
 Irms: 16Adc (Based on 40°C Temp Rise)
 Isat: 24Adc (Based on 20% drop in OCL)

Notes:

- Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -55°C to +125°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Outsourced item processed & controlled under XFMRS QA system

DOC. REV: A/10

XFMRS Inc www.XFMRS.com	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.010 Dimensions in Inch	P/N: XFHCL6-R82M	REV. A
	DWN.	Yuan	Apr-23-13
	CHK.	YK Liao	Apr-23-13
SHEET 1 OF 1	APP.	BSJ	Apr-23-13