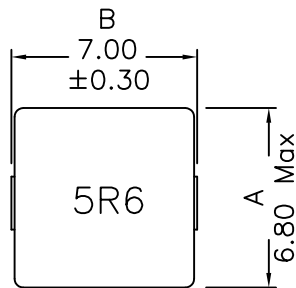
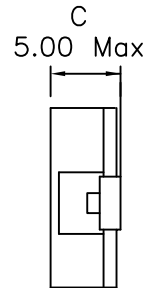


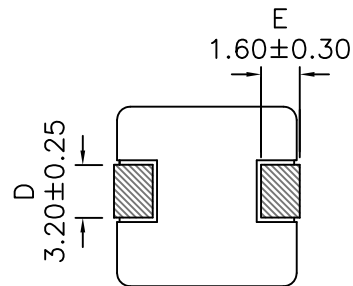
1. Mechanical Dimensions:



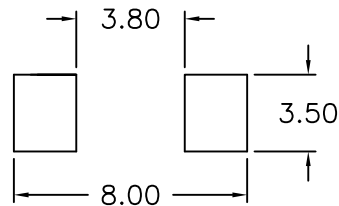
Top view



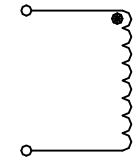
Side view



Bottom view



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 5.6uH±20% @100KHz 10mA

Q: tbd Min @100KHz 0.25V

DCR: 43.0 mOhms Typ 48.0 mOhms Max

Irms: 3.6Adc Max (Based on 40°C Temp Rise)

Isat: 9.0Adc Typ (Based on 20% Max drop in OCL)

SRF: 20MHz Typ

PRELIMINARY

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 +125°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/1

XFMRs Inc www.XFMRs.com	Title: HIGH CURRENT INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL6ME-5R6M	REV. A
SHEET 1 OF 1	DWN.	Yuan	Sep-04-12
	CHK.	YK Liao	Sep-04-12
	APP.	BSJ	Sep-04-12

PROPRIETARY

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