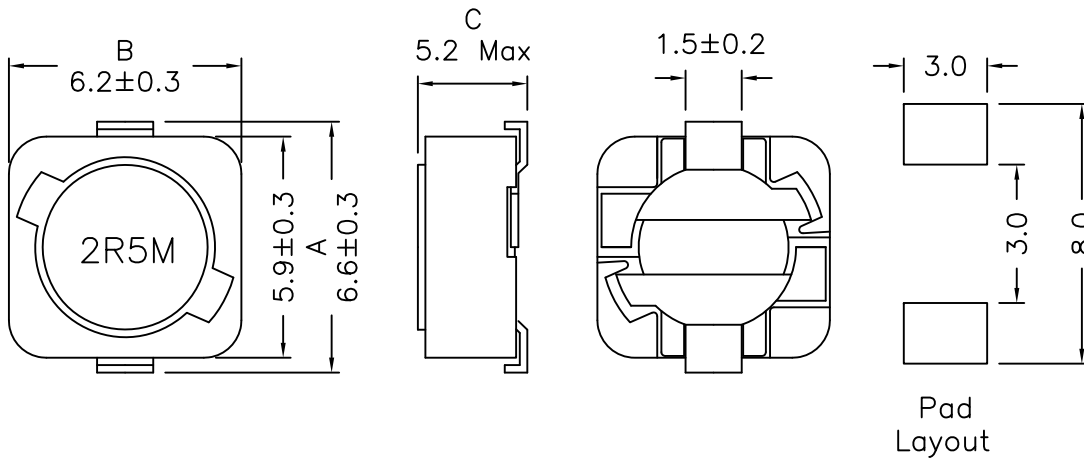
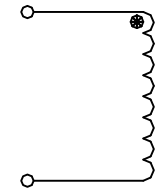


### 1. Mechanical Dimensions:



### 2. Schematic:



### 3. Electrical Specification:

OCL:  $2.5\mu\text{H} \pm 20\%$  @7.96MHz 0.1V  
 Irms: 2.50A (Based on 40°C Temp Rise)  
 Isat: 3.50Adc (Based on 10% drop in OCL)  
 DCR: 0.035 Ohms Max  
 Q: 21 Typ @7.96MHz  
 SRF: 50MHz Min

**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:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC. REV: A/2

<b>XFMRs Inc</b> www.XFMRs.com	Title: HIGH CURRENT SELF-LEADED SMT INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ Dimensions in MM	P/N: XFTPRH64B-2R5M	REV. A
SHEET 1 OF 1	DWN.	Feng	Jul-05-12
	CHK.	YK Liao	Jul-05-12
	APP.	BSJ	Jul-05-12