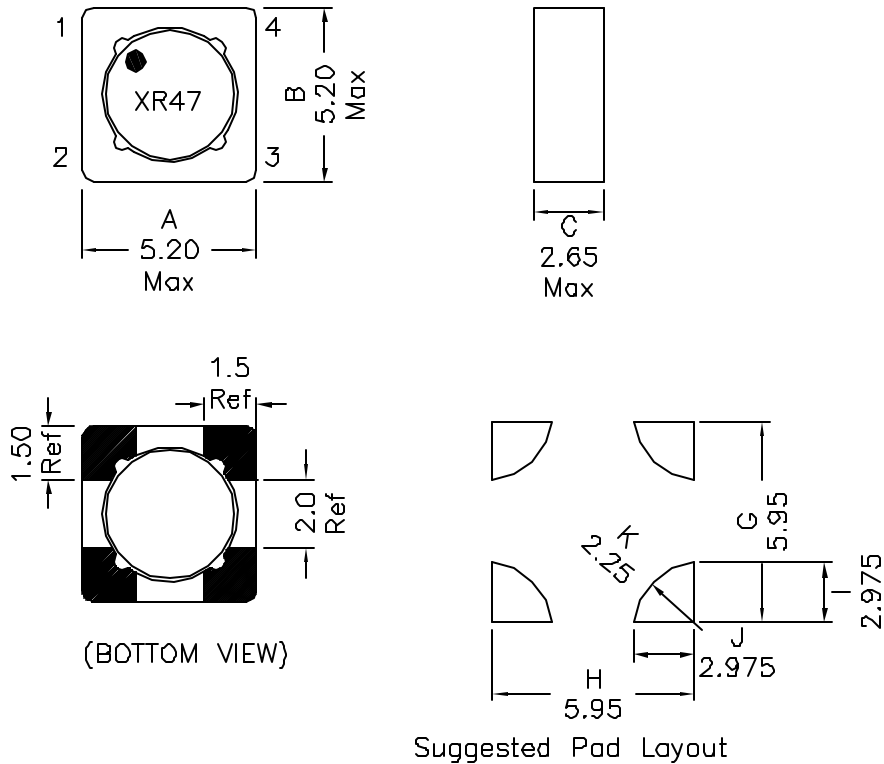
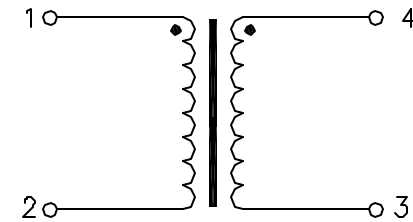


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

	Parrallel	Series
OCL:	0.392uH	1.57uH±30% @100KHz 0.25V
DC Res.:	0.0181	0.0725 Ohms Typ
Isat:	6.43	3.21Adc Max (30% drop in OCL typ)
Irms:	3.71	1.86A Max (40°C Temp Rise typ)
Isolation:	500Vdc Wdg-Wdg	

Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H 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 -40°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

DOC REV: A/1

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XFMRs Inc www.XFMRs.com		Title: Shielded SMD Inductor	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.30 Dimensions in MM		P/N: XFTPRH52D25D-R47N	REV A
		DWN.	Xianyi Nov-20-09
Scale 2.5:1 SHT 1 OF 1		CHK.	YK Liao Nov-20-09
		APP.	Joe Huff Nov-20-09