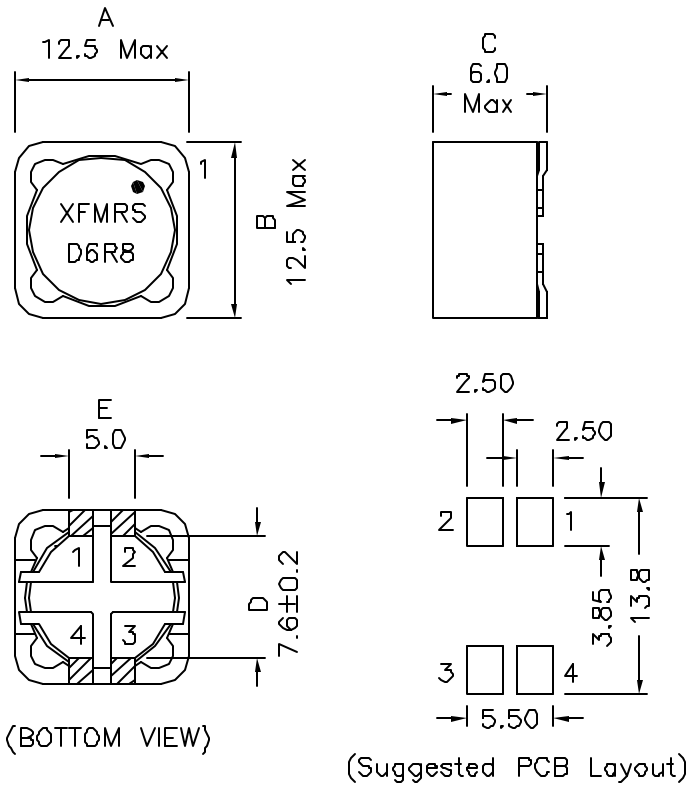
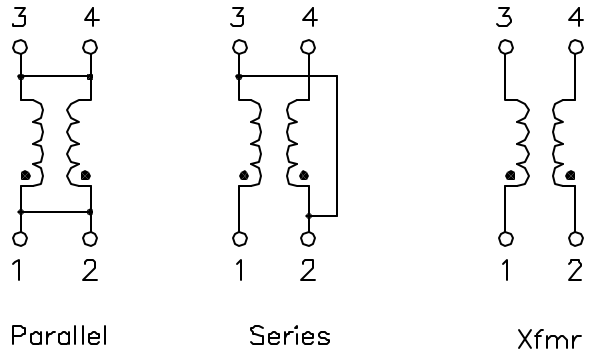
1. Mechanical Dimensions:



(BOTTOM VIEW)

(Suggested PCB Layout)

2. Schematic:



3. Electrical Specifications:@25°C

	Parallel	Series	
OCL(NO DC):	6.80uH±20%	27.20uH±20%	100KHz, 0.25V
Irms:	6.64A	3.32A	(40°C rise)
Isat:	8.68Adc	4.34Adc	(30% L drop)
DC RES:	0.013 Ohms Max	0.050 Ohms Max	
Isolation:	500 Vrms		

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/2

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XFMRS Inc.	Title: Shielded Dual Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFTPRH1205D-6R8		REV. A
	DWN.	Kang Chen	Feb-11-05
	CHK.	YK Liao	Feb-11-05
SHEET 1 OF 1	APP.	MS	Feb-11-05