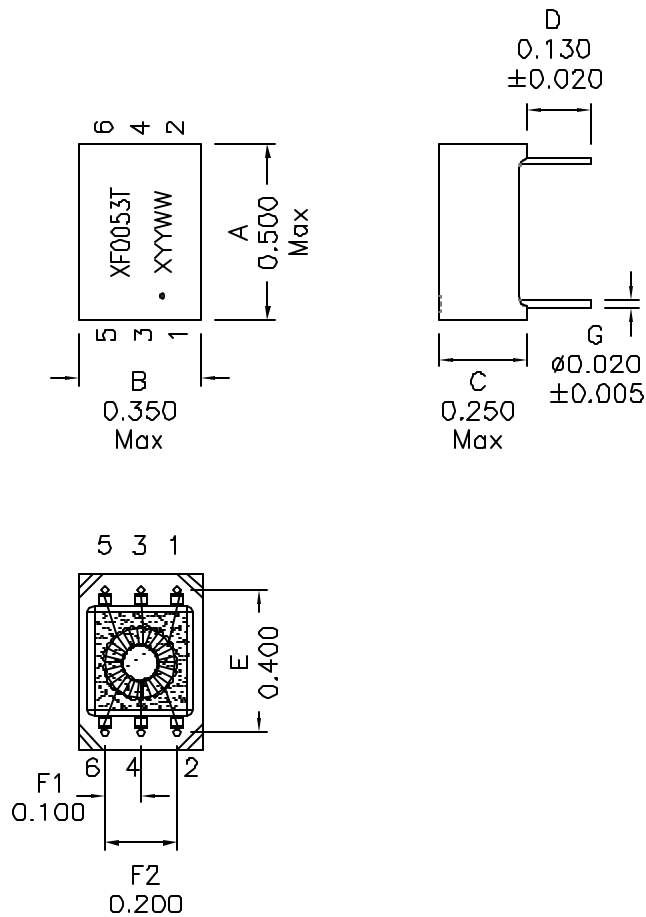


## 1. Mechanical Dimensions:

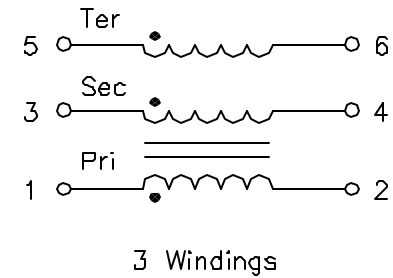


### Notes:

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. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

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## 2. Schematic:



## 3. Electrical Specifications: @25°C

- OCL: Pins 1-2 5000uH Minimum @100KHz 50mV  
 Q: Pins 1-2 8 Min @10KHz 50mV  
 Cw/w: Pins 1-3 60pF Maximum @100KHz 50mV  
 LL: Pins 1-2 1.3uH Max @100KHz 50mV (short all else)  
 DC Resistance: 3.90 Ohms Maximum (EACH WINDING)  
 ET Constant: 25 V-us Minimum  
 Rise Time: 10.5ns Maximum  
 Turns Ratio: 1:1:1 ±5% (Pri/Sec/Ter)  
 Isolation: 500 Vrms

<b>XFMRs Inc</b> www.XFMRs.com		Title: Data Coupling Transformer	
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch	P/N: XF0053T		REV. A
	DWN.	Feng	Nov-08-10
SHT 1 OF 1	CHK.	YK Liao	Nov-08-10
	APP.	Joe Huff	Nov-08-10