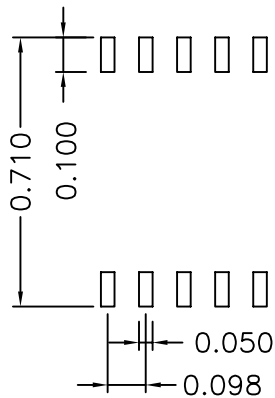
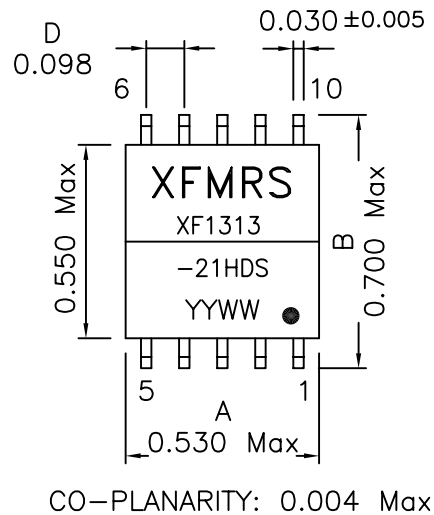
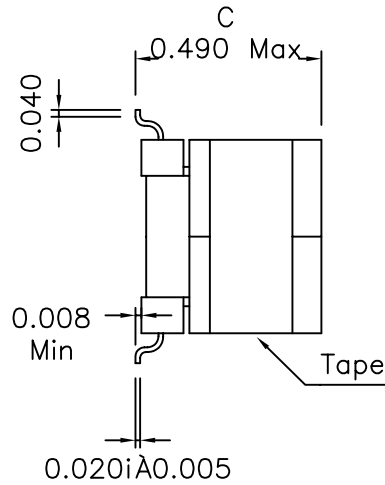


1. Mechanical Dimensions:



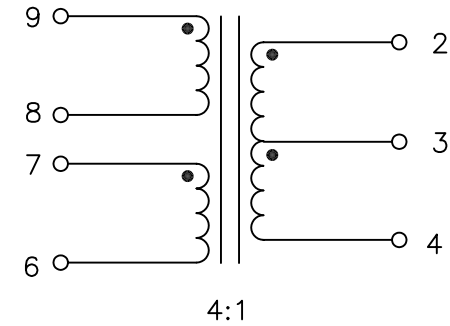
Suggested PCB Layout



Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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: -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible

2. Schematic:



3. Electrical Specifications:

OCL: (Pins 9-6) 4.0mH $\pm 10\%$ @10KHz, 0.1V Tie 8+7

Leakage L: (Pins 2-4) 4.0uH Max @100KHz, 0.1V
(Short 9,8,7,6)

Longitudinal Balance: 55dB Min @300KHz

THD: 55dB Min @50KHz, 4Vp-p

Return Loss: 18.5dB Min @40KHz - 300KHz

Turns Ratio: (2-4):(9-6) 1CT:4CS $\pm 2\%$ Tie 8+7

DC Res: (Pins 9-8) 1.70 Ohms Max

DC Res.: (Pins 7-6) 1.70 Ohms Max

DC Res.: (Pins 2-4) 0.400 Ohms Max

HYPOT: 2000VAC Chip-Line

Note: Designed to meet UL1950 for supplementary insulation, 250 working volts.

DOC. REV: A/3

XFMRS Inc	Title: HDSL2 TRANSFORMER			
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ± 0.010 Dimensions in INCH	P/N: XF1313-21HDS		REV. A
		DWN.	李小锋	Sep-13-01
		CHK.	廖玉坤	Sep-13-01
SHEET 1 OF 1	APP.	Joe Huff	Sep-13-01	