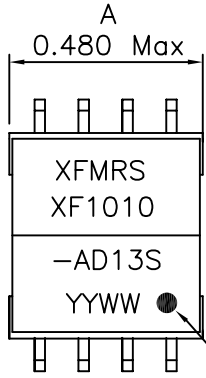
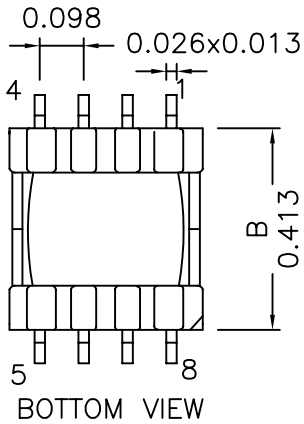


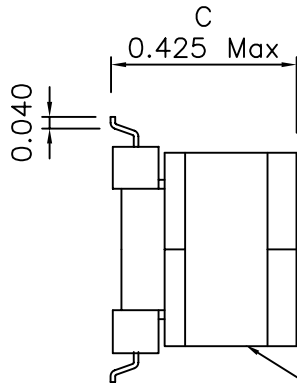
1. Mechanical Dimensions:



White dot indicates pin #1



BOTTOM VIEW



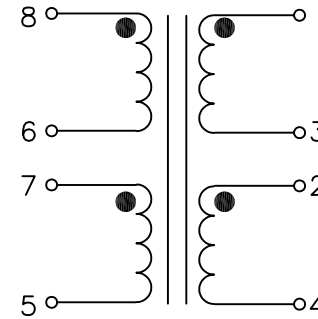
Notes:

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: 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

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

DOC REV: J/1

2. Schematic:



2. Electrical Specifications: @25°C

- OCL: (Pins 1-4) 3.00-3.40mH @10KHz 0.1V Short pins 2-3 & pins 6-7
 Leakage L: (Pins 1-4) 16.0uH Max @100KHz, 0.1V Short 8-5 and 2-3
 DC Res.: (Pins 1-4) 4.00 Ohms Max short Pins 2-3
 DC Res.: (Pins 8-5) 0.520 Ohms Max short Pins 6-7
 HIPOT: 1500Vrms 60 seconds Between Pins 1-8 tie Pins 2-3 & pins 6-7
 HIPOT: 600Vrms 60 seconds Between pins 1-2
 Turns Ratio: (8-5:1-4) = 1:5.4±2% Short 2-3 & 6-7
 THD: -78dB Max @5KHz, 4Vac, Line:IC
 Insertion Loss: 0.70dB Max @100KHz
 Return Loss: 15dB Min @40KHz-500KHz
 15dB Min @20KHz Rret=135 Ohms
 Longitudinal Balance: 55dB Min @20KHz - 500KHz
 CW/W: Pins 1-8 150pF Max @100KHz, 0.1V short Pins 2-3 & Pins 6-7

XFMRS Inc

Title:
HDSL TRANSFORMER

UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xxx ±0.015
Dimensions in INCH

P/N: XF1010-AD13S	REV. J
DWN. 李小锋	Dec-5-02
CHK. 廖玉坤	Dec-5-02
APP. BW	Dec-5-02