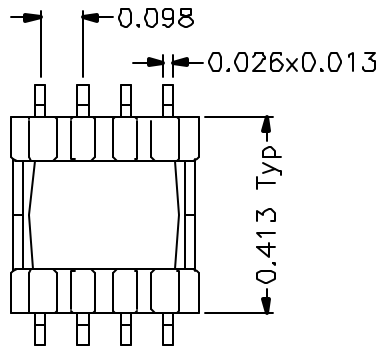
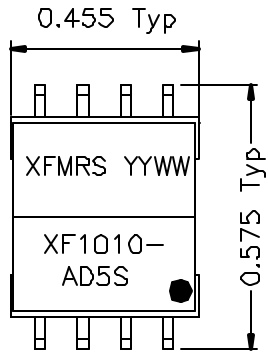
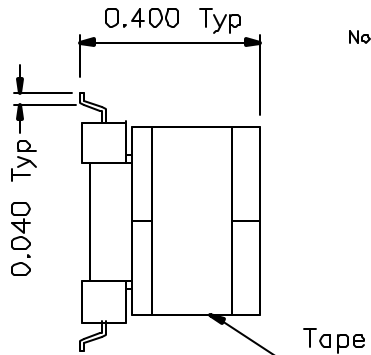


1. Mechanical Dimensions:



BOTTOM VIEW

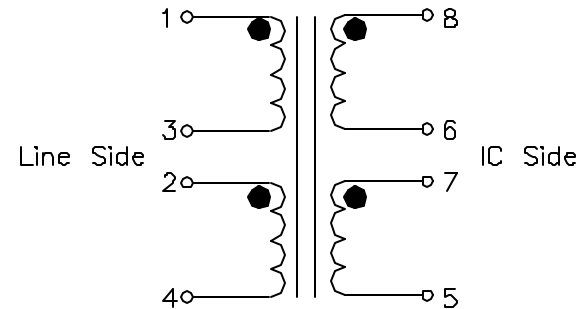


Notes.

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

DOC REV.: A/2

2. Schematic:



3. Electrical Specifications: @25°C

OCL: (Pins 1-4) 92.5uH ±5% @10KHz 0.1V tie 2+3

Leakage L: (Pins 1-4) 2uH Max 100KHz, 0.1V

(Short 5-8, tie 2+3)

DC Res.: (Pins 1-3) 0.275 Ohms Max

DC Res.: (Pins 2-4) 0.275 Ohms Max

DC Res.: (Pins 7-5) 0.138 Ohms Max

DC Res.: (Pins 8-6) 0.138 Ohms Max

HIPOT. 1500Vrms, Line Side to IC Side, All Wdgs. to Core

Turns Ratio: (1-4):(8-5) = 1.9:1 (tie 2+3, 6+7)

Cww: (Pins 1-8) 35pF Max @100KHz, 0.1V (tie 2+3, 6+7)

THD. -80dB Max @100KHz, 12Vp-p, Line : IC

Longitudinal Balance: -60dB Min @100KHz

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

| | | | |
|------------------------|--|---------------|-----------|
| XFMR5 Inc | Title: ADSL TRANSFORMER | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: | | |
| P/N: XF1010-AD5S | .xxx ±0.015 | | REV. A |
| | Dimensions in INCH | DWN. BW | Mar-29-00 |
| | | CHK. Joe Huff | Mar-29-00 |
| SCALE 2.5:1 SHT 1 OF 1 | APP. AEI | | Mar-29-00 |