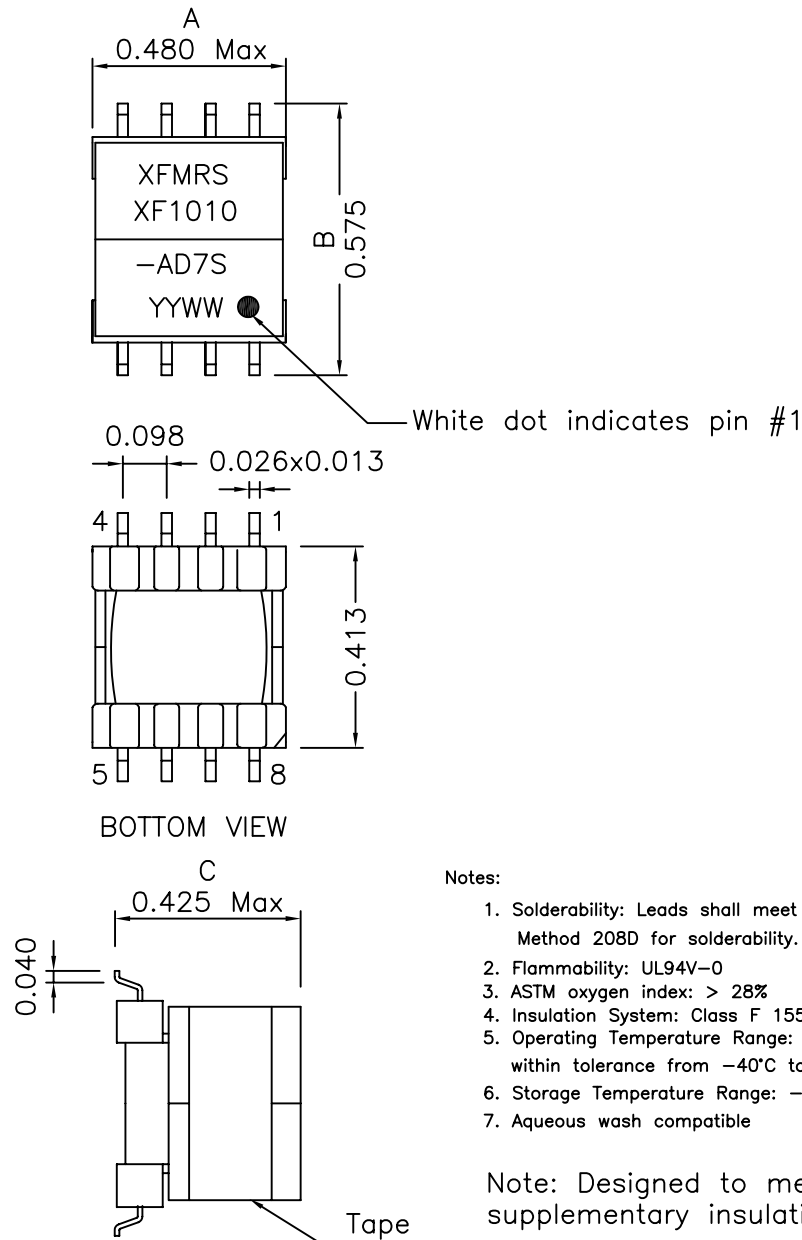


1. Mechanical Dimensions:

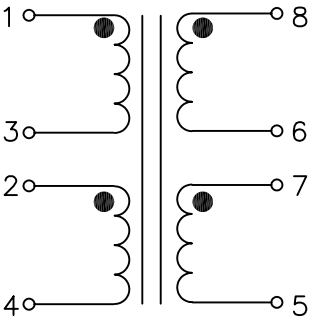


- Notes:
1. Solderability: Leads shall meet MIL-STD-202, Method 208D for solderability.
 2. Flammability: UL94V-0
 3. ASTM oxygen index: > 28%
 4. Insulation System: Class F 155°C. UL file E151556
 5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
 6. 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: A/3

2. Schematic:



2. Electrical Specifications: @25°C

OCL: (Pins 1-4) 850uH±5% @10KHz 0.1V Short 2-3
Leakage L: (Pins 1-4) 10uH Max @100KHz, 0.1V
Short 8-5 and 2-3

Cww: (Pins 1-8) 50pF Max @100KHz, 0.1V
Tie 2+3, 1+4, 7+6, 8+5

DC Res.: (Pins 1-3) 1.32 Ohms Max

DC Res.: (Pins 2-4) 1.32 Ohms Max

DC Res.: (Pins 8-6) 1.63 Ohms Max

DC Res.: (Pins 7-5) 2.09 Ohms Max

HIPOT: 1875VAC Between Line and Chip

Turns Ratio: (1-4):(8-5) = 1:1±1% Short 2-3 & 6-7

THD: -88dB Max @40KHz, 2.5Vrms (7.07Vp-p), Line:IC

THD: -52dB Max @5KHz, 2.0Vrms (5.66Vp-p), Line:IC

Insertion Loss: 0.70dB Max @100KHz

Frequency Response: 0.8dB Max @30KHz-1.1MHz

Longitudinal Balance: 42dB Min @1.1MHz

XFMRS Inc

Title:
ADSL TRANSFORMER

UNLESS OTHERWISE SPECIFIED

P/N: XF1010-AD7S

REV. A

TOLERANCES:

.xxx ±0.015

Dimensions in INCH

DWN.

李小锋

Jan-28-02

CHK.

廖玉坤

Jan-28-02

APP.

Isaiah M

Jan-28-02