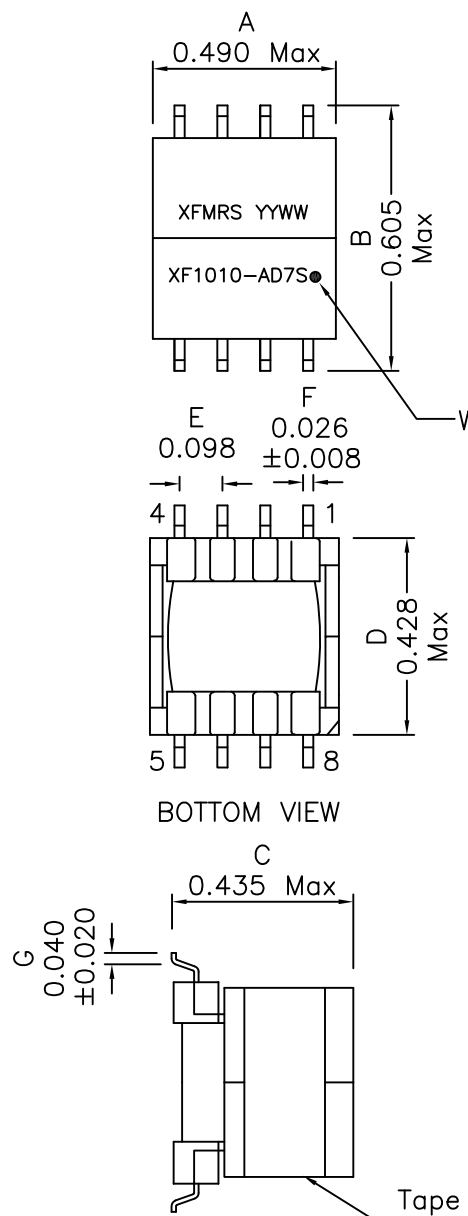


1. Mechanical Dimensions:



White dot indicates pin #1

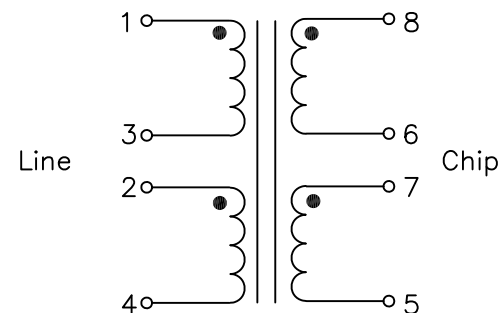
Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004" (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

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

DOC REV: A/4

2. Schematic:



2. Electrical Specifications: @25°C

OCL: Pins 1-4 850uH±5% @10KHz 0.1V Short 2-3

Q: Pins 1-4 5 Min @10KHz 0.1V (short 2+3)

LL: Pins 1-4 16uH Max @100KHz, 0.1V
(Tie 2+3; 5+6+7+8)

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

DCR: Pins 1-3 1.32 Ohms Max

Pins 2-4 1.32 Ohms Max

Pins 8-6 1.63 Ohms Max

Pins 7-5 2.09 Ohms Max

HIPOT: 1875VAC Between Line and Chip

Turns Ratio: (1-4):(8-5) = 1:1±2% 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

SRF: Pins 1-4 250KHz Min (short 2+3)

XFMRs Inc

Title:

ADSL TRANSFORMER

UNLESS OTHERWISE SPECIFIED

TOLERANCES:

.xxx ±0.015

Dimensions in INCH

SHEET 1 OF 1

P/N: XF1010-AD7S

REV. A

DWN.

Xiang

Apr-19-16

CHK.

YK Liao

Apr-19-16

APP.

DDC

Apr-19-16

PROPRIETARY

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