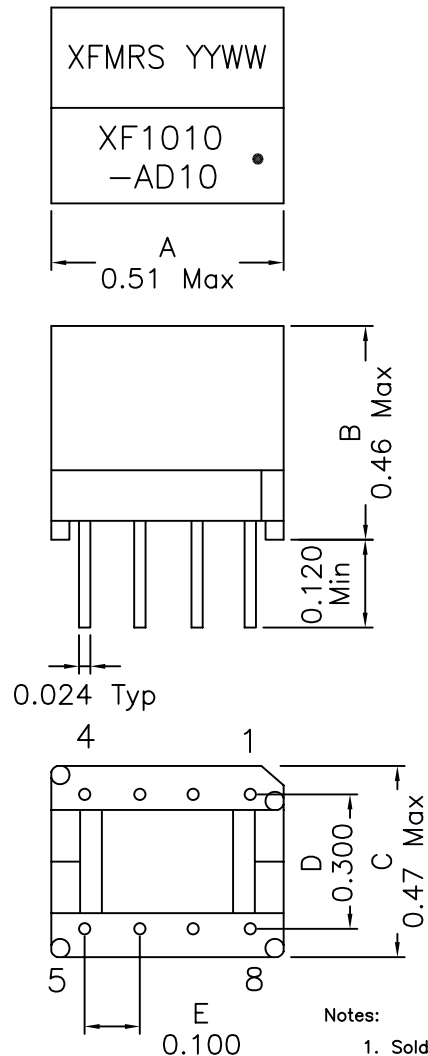


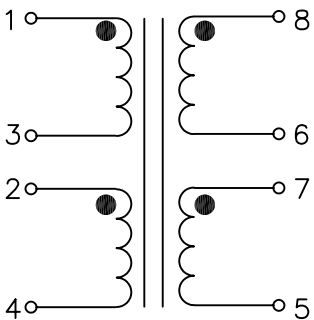
### 1. Mechanical Dimensions:



- 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

DOC REV.: A/1

### 2. Schematic:



### 3. Electrical Specifications: @25°C

OCL: (Pins 8-5) 2mH  $\pm 10\%$  @10KHz 0.1V tie 6+7

Leakage L: (Pins 8-5) 6uH Max 100KHz, 0.1V  
(Short 1-4, tie 6+7)

DC Res.: (Pins 1-4) 3.70 Ohms Max

DC Res.: (Pins 8-5) 3.20 Ohms Max

HIPOT: 1500Vrms Between Wire to Wire

Turns Ratio: (1-4):(8-5) = 1:1.1 (tie 2+3, 6+7)

Insertion Loss: 0.5dB Max @300KHz

THD: -80dB Max @20KHz, 4Vac, Line : IC

Longitudinal Balance: 46dB Min @10KHz-1.1MHz

Frequency Response:  $\pm 0.5$ dB Max @100KHz-1.1MHz

**XFMRS Inc**

Title:  
ADSL TRANSFORMER

UNLESS OTHERWISE SPECIFIED  
TOLERANCES:  
.xxx  $\pm 0.015$   
Dimensions in INCH

P/N: XF1010-AD10

REV. A

DWN.

BW

Mar-29-00

CHK.

Joe Huff

Mar-29-00

APP.

AEI

Mar-29-00