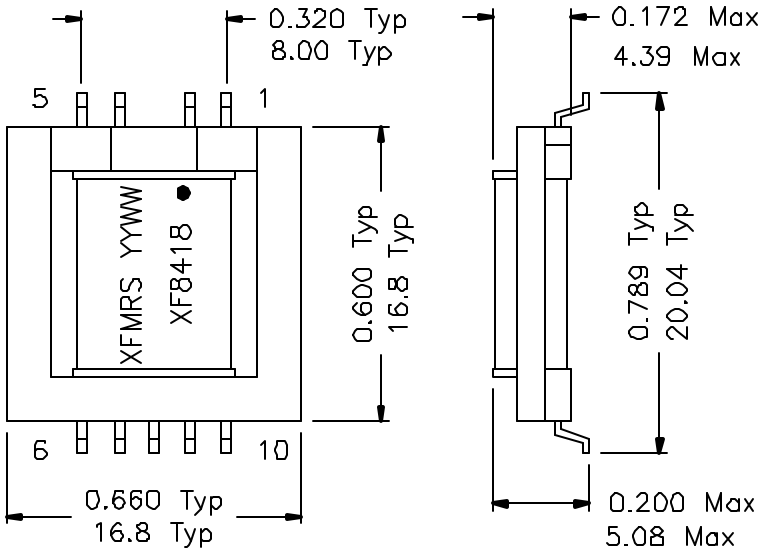
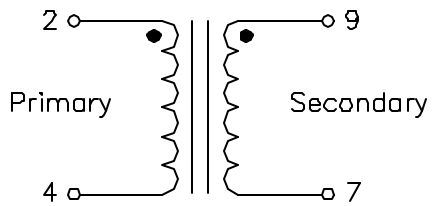
## 1. Mechanical Dimensions:




## 2. Schematic:




## 3. Electrical Specifications @25°C

Reflects 600 ohms at PRI with 294 ohms Load on SEC
PRI DC Resistance: 145±10% ohms
SEC DC Resistance: 160±10% ohms
Frequency Response: ±0.25dB @300 to 3500Hz
Insertion Loss: 3.15dB Typ @1KHz
Return Loss: 20dB Minimum @300-3500Hz
PRI-SEC HI-POT: 1250Vrms
Maximum Direct Current in PRI. none
(PRI:SEC) Turns Ratio: 1:1±2% @1KHz
Longitudinal Balance: 60dB Min @200 to 1000Hz
Longitudinal Balance: 40dB Min @1000 to 4000Hz
Total Harmonic Distortion: -82dB Maximum @600Hz, -10dBm

DOC. REV A/1

| | | | |
|---|---|---|---|
| XFMRS Inc | Title: MODEM TRANSFORMER | | |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.01 Inch Dimensions in inch mm | P/N: XF8418 | | REV. A |
| | DWN. | 李清儿 | Mar-31-99 |
| | CHK. | 刘小龙 | Mar-31-99 |
| | APP. | Joe Huff | Mar-31-99 |
| | SHEET 1 OF 1 | | |

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