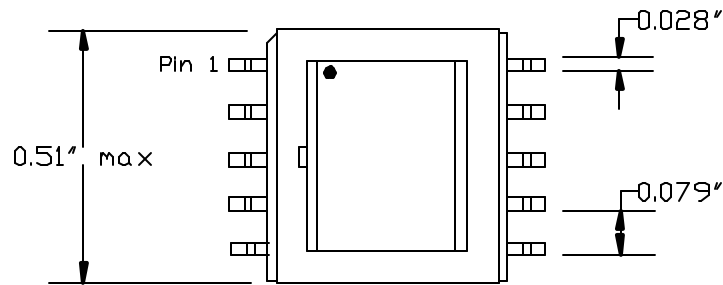
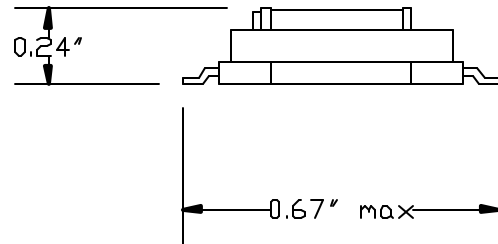
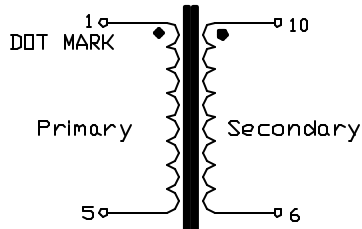


ZONE		REV	DESCRIPTION	DATE	APPROVED
			ITU V.90 56Kbps Modem		



NOTES:

- Impedance: Pri & Sec = 600 Ohms (Ref)
Designed to Reflect 600 Ohms +/-0.5% on Pri with 360 Ohms load on Sec @ 1KHz, 1Vrms
- DC Resistance: Pri = 95 Ohm +/-10% at 20C
Sec = 120 Ohm +/-10%
- Turn Ratio: Pri : Sec = 1 : 1 +/-1%
- Inductance at Pri: 4H min at 250Hz, 1Vrms
2H min at 1KHz
- Insertion Loss: 2.5dB max at 200 to 4000Hz
- Frequency Response: +/-0.25dB at 200 to 4000Hz
- Total Harmonic Distortion: -82dB max. -10dBm at 600Hz
- Longitudinal Balance: 60dB min at 200 to 1000Hz
40dB min at 1000 to 4000Hz
- Primary DC Bias Loop Current: 0mA (none, dry circuit)
- Insulation Resistance: 1 mega Ohm min at 500VDC
- Dielectric Strength at 1250 Vrms 1 minute at Pri, Sec & Core.
- Test Signal: 1 Vrms AC peak-to-peak, 1KHz, 80mA
- Pin #1 marking on bobbin



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES		INTEGRITY TECHNOLOGY			
DECIMALS ANGULAR .XX ± .05 ± 0.5 .XXX ± .010 DO NOT SCALE DRAWING		MODEM TRANSFORMER			
DRAWN	J. YOUNG	DATE	10-98		REV
CHECKED		SIZE	FSCM NO.	DWG NO.	B
DESIGN		A		T12K	
		SCALE	NONE	XTE-T12K	SHEET 1 OF 1