

3. ELECTRICAL SPECIFICATIONS:

Turns Ratio: (PRI/SEC) tx 2CT:1CT $\pm 3\%$ RX 1:1 $\pm 3\%$

Isolation Voltage: 1500 Vrms (Input to Output)

DC Resistance: 0.90 Ohms Max.

SEC QCL: 350uH Min. @100KHz, 100mV 8mADC

LL TX: 1.0uH Max. @100KHz 100mV

LL RX: 0.4uH Max.

PRI/SEC Cw/w: 15pF Typical @100KHz 100mV

Rise Time: 2.5nS Typical

Crosstalk: -38dB Min. @100KHz-100MHz

CMRR: -37dB Typical @100KHz-100MHz

Insertion Loss: -0.5dB Typical @100KHz - 100MHz

Return Loss:

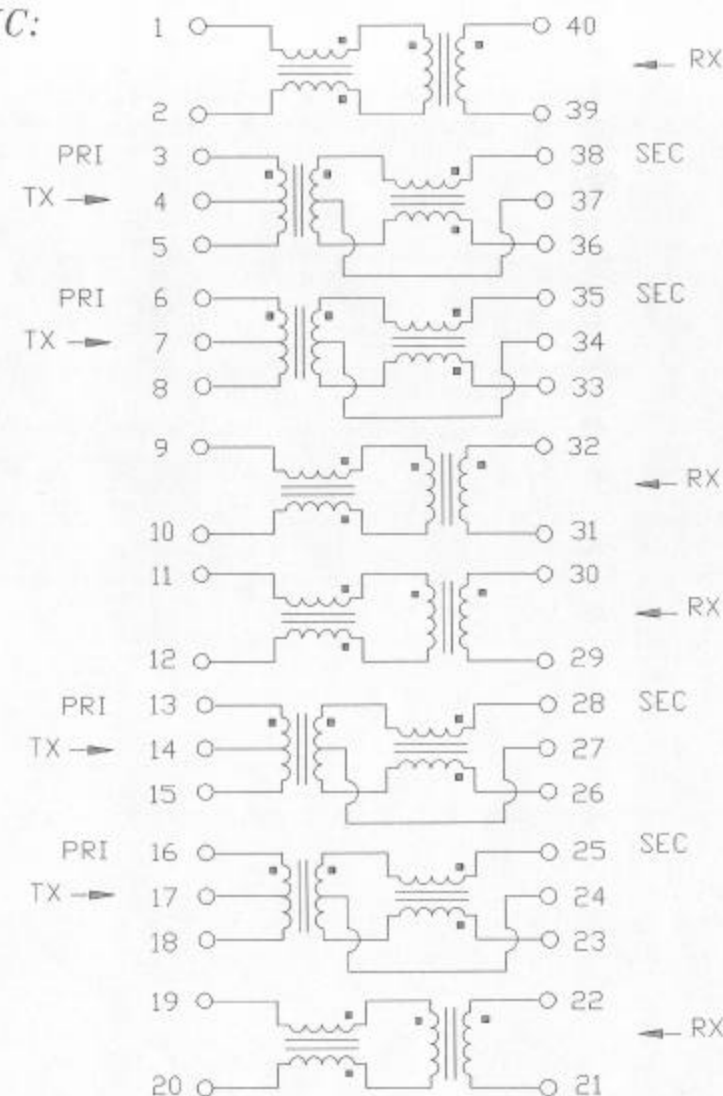
2MHz - 30MHz: -21dB Typical

40MHz : -17dB Typical

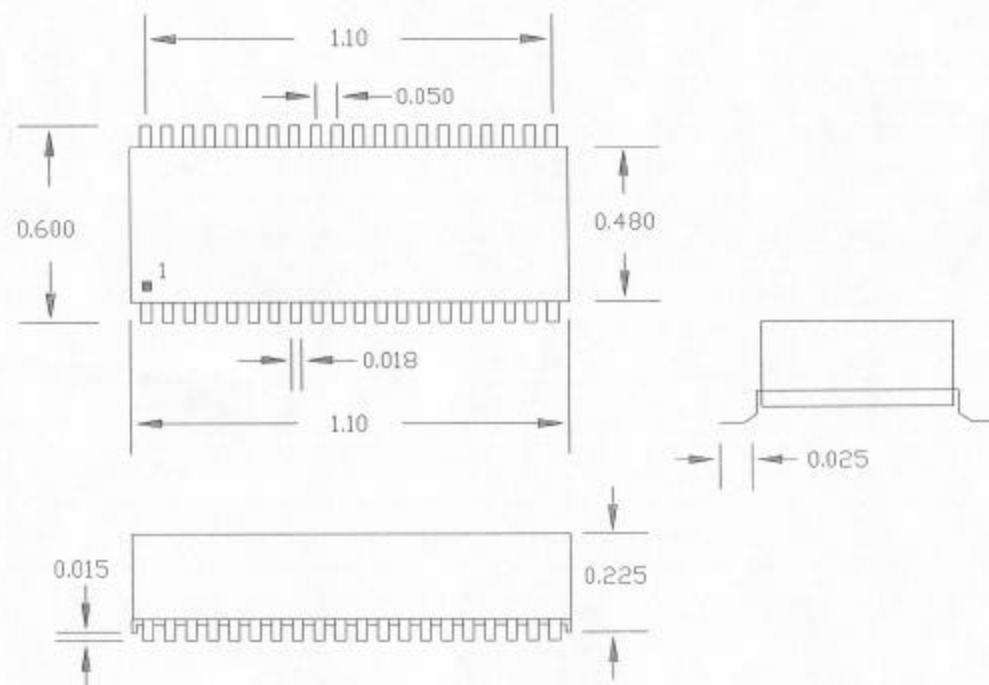
50MHz : -14.5dB Typical

60MHz - 80MHz: -12dB Typical

1. SCHEMATIC:



2. DIMENSIONS:



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

UNLESS OTHERWISE SPECIFIED TOLERANCES ±0.010 Inch	Title: QUAD PORT 10/100 BASE-TX MODULE	
	P/N: 4HT40-33A	REV. A
	DWN.	
	CHK.	
	APP.	