

Turns Ratio ( ± 3% )

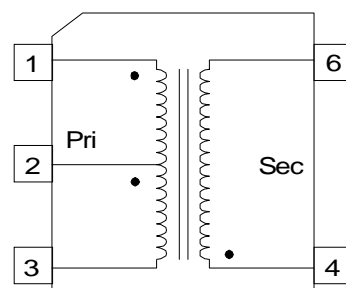
1CT:1

# 64KBPS Interface Transformer

Flammability: Materials used in the production of these units are UL94-VO and meet requirements of IEC 695-2-2 needle flame test.

| PARAMETER                                                                                 | MIN.  | MAX. | UNITS     |
|-------------------------------------------------------------------------------------------|-------|------|-----------|
| Open Circuit Inductance                                                                   | 10    |      | mHy       |
| Leakage Inductance                                                                        |       | 0.5  | μHy       |
| Interwinding Capacitance ( $C_{W/W}$ )                                                    |       | 120  | pF        |
| Primary DC Resistance                                                                     |       | 2.5  | ohms      |
| Secondary DC Resistance                                                                   |       | 2.5  | ohms      |
| Isolation (HI-POT)                                                                        | 2.0 K |      | $V_{RMS}$ |
| <b>TEST CONDITIONS:</b><br>Oscillation Voltage = 20mV<br>Oscillation Frequency = 10.0 KHz |       |      |           |

## SCHEMATIC DIAGRAM



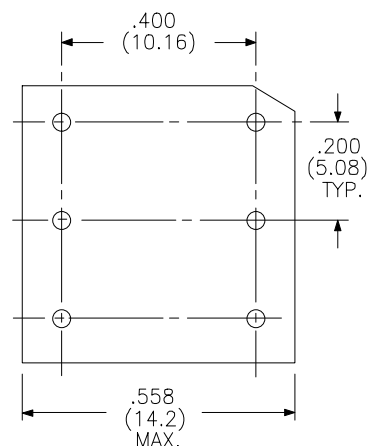
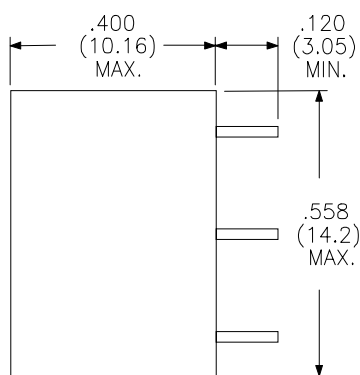
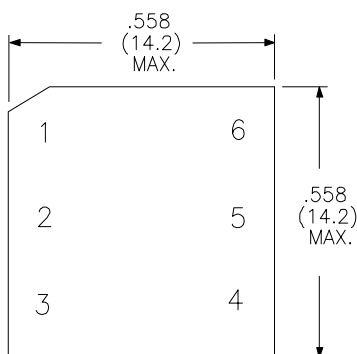
MEETS THE PULSE WAVEFORM  
TEMPLATE OF CCITT I.430.

Primary is Line Side

Unbalanced current at TE:  $\Delta I_{dc} = 1 \text{ mA max.}$

Longitudinal Conversion Loss - 10KHz to 300  
KHz: 60dB min.

## PHYSICAL DIMENSIONS inches (mm)



UNUSED PINS OMITTED

RHOMBUS P/N: **T-11602**

CUST P/N:

NAME:

DATE: **8/24/95**

SHEET: 1 OF 1