

# T1/CEPT/ISDN PRI INTERFACE TRANSFORMER

Reinforced Insulation Per EN 41003/EN 60950

|                      |          |
|----------------------|----------|
| Turns Ratio ( ± 5% ) | 1:1.14CT |
|----------------------|----------|

| Parameter  | Min. | Max. | Units            |
|--|------|------|------------------|
| Open Circuit Inductance<br>Oscillation Voltage = 20mV<br>Oscillation Frequency = 100.0 KHz | 1.5  |      | mH               |
| Leakage Inductance<br>Oscillation Level = 20mV<br>Oscillation Frequency = 100.0 KHz        |      | 0.70 | μH               |
| Interwinding Capacitance (C <sub>ww</sub> )<br>Oscillation Frequency = 100.0 KHz           |      | 30   | pF               |
| Primary DC Resistance  |      | 0.7  | ohms             |
| Secondary DC Resistance  |      | 0.9  | ohms             |
| Isolation (HI-POT)   | 3000 |      | V <sub>RMS</sub> |

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

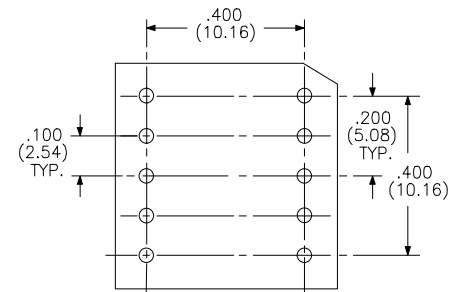
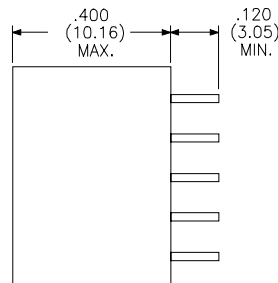
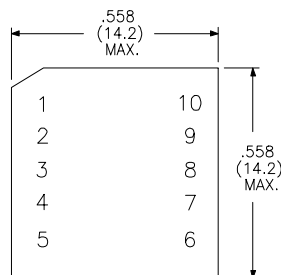
Parts shipped in anti-static tubes. 31 pieces per tube

Surface mount version of this part available. Part# T-13617G

Primary Pins 10-6

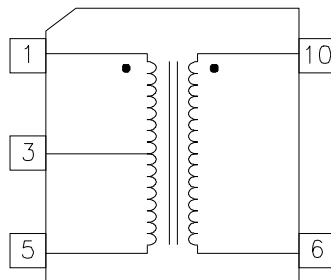
Physical Dimensions in inches (mm)

Note: Unused Pins Omitted



Leads are #22 AWG Solderable

Schematic Diagram



Primary Pins 10-6

|                             |               |
|-----------------------------|---------------|
| RHOMBUS P/N: <b>T-13617</b> |               |
| CUST P/N:                   | NAME:         |
| DATE: <b>04/25/96</b>       | SHEET: 1 OF 1 |