

# T1/CEPT/ISDN PRI INTERFACE TRANSFORMER

Reinforced Insulation Per EN 41003/EN 60950

|                           |          |
|---------------------------|----------|
| Turns Ratio ( $\pm 5\%$ ) | 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 | $\mu$ H   |
| Interwinding Capacitance ( $C_{www}$ )<br>Oscillation Frequency = 100.0 KHz                |      | 30   | pF        |
| Primary DC Resistance  |      | 0.7  | ohms      |
| Secondary DC Resistance  |      | 0.9  | ohms      |
| Isolation (HI-POT)   | 3000 |      | $V_{RMS}$ |

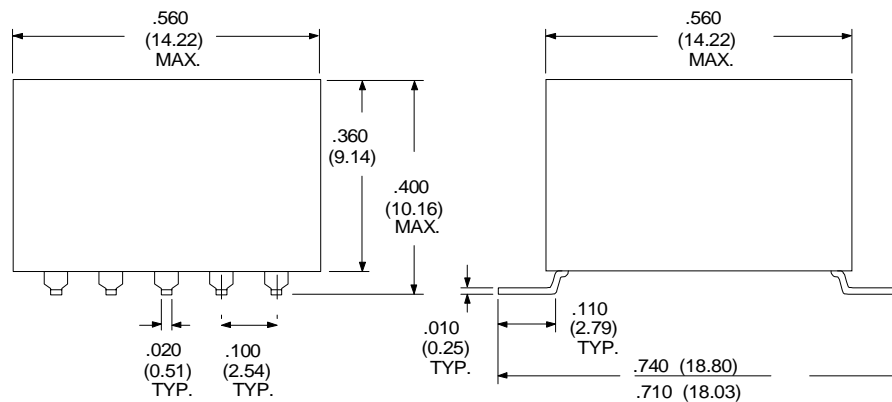
Flammability: Materials used in the production of these units meet requirements of UL94-VO and IEC 695-2-2 needle flame test.

Parts shipped in anti-static tubes.

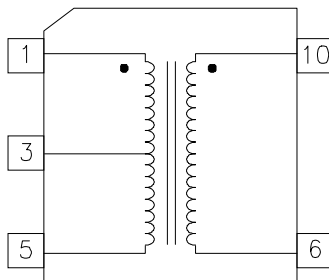
*Tape and Reel available.*

Primary Pins 10-6

Physical Dimensions in inches (mm)



Schematic Diagram



Primary Pins 10-6

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