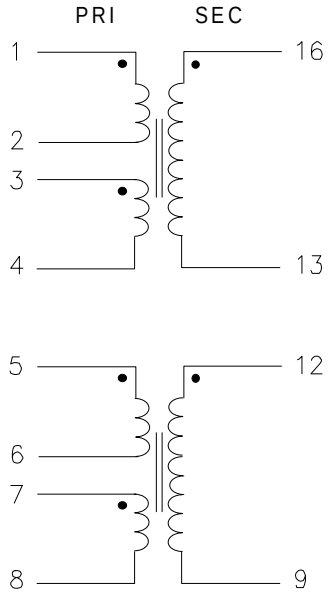
# ISDN S-Interface Dual Transformer Compatible With AT&T T7256

| Turns Ratio Pins 1-4:16-13 & 5-8:12-9 | 1:2.5 & 1:2.5 |
|---|---|

| PARAMETER | MIN. | MAX. | UNITS |
|---|---|---|---|
| Open Circuit Inductance<br>1-4 (1)<br>5-8 (2) | 22 | | mHy |
| Leakage Inductance<br>1-4 (1) Short 16-13<br>5-8 (2) Short 12-9 | | 4<br>4 | µHy<br>µHy |
| Interwinding Capacitance ($C_{W/W}$)<br>1-4 (1) & 16-13 (3)<br>5-8 (2) & 12-9 (4) | | 100<br>100 | pF<br>pF |
| Distributed Parallel Capacitance<br>1-4 (1)<br>5-8 (2) | | 180<br>100 | pF<br>pF |
| Primary DC Resistance: 1-4 (1) ; 5-8 (2) | | 2.30 | ohms |
| Secondary DC Resistance:16-13 ;12-9 | | 5.80 | ohms |
| Isolation (HI-POT) | 2400 | | $V_{RMS}$ |

**SCHEMATIC DIAGRAM**



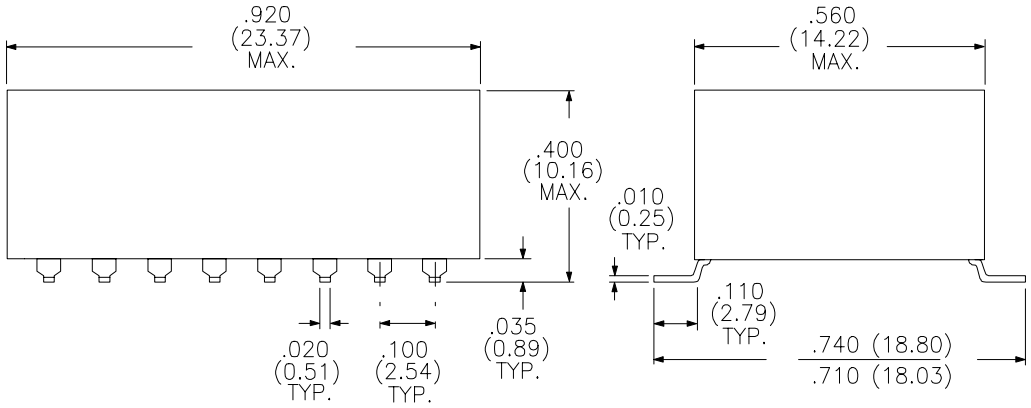

MEETS THE PULSE WAVEFORM TEMPLATE OF CCITT I.430.

- Primary is Line Side
- Unbalanced current at TE: Δ Idc = 1 mAmax.
- Longitudinal Conversion Loss - 10KHz to 300 KHz: 60dB min.

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

Parts shipped in anti-static trays. 40 pieces per tray

Package Dimensions in Inches (mm)




Oscillation Voltage = 500mV
Oscillation Frequency = 10.0 KHz
1. Connect 2 & 3
2. Connect 6 & 7

| RHOMBUS P/N: **T-13506** | |
|---|---|
| CUST P/N: | NAME: |
| DATE: **3/24/94** | SHEET: 1 OF 1 |


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