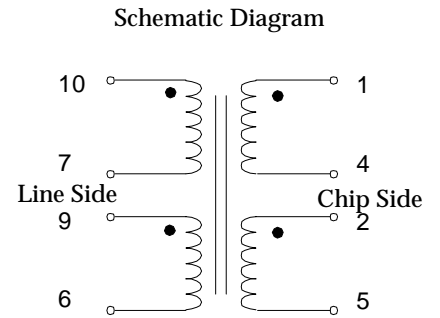


# ADSL U-Interface Transformer

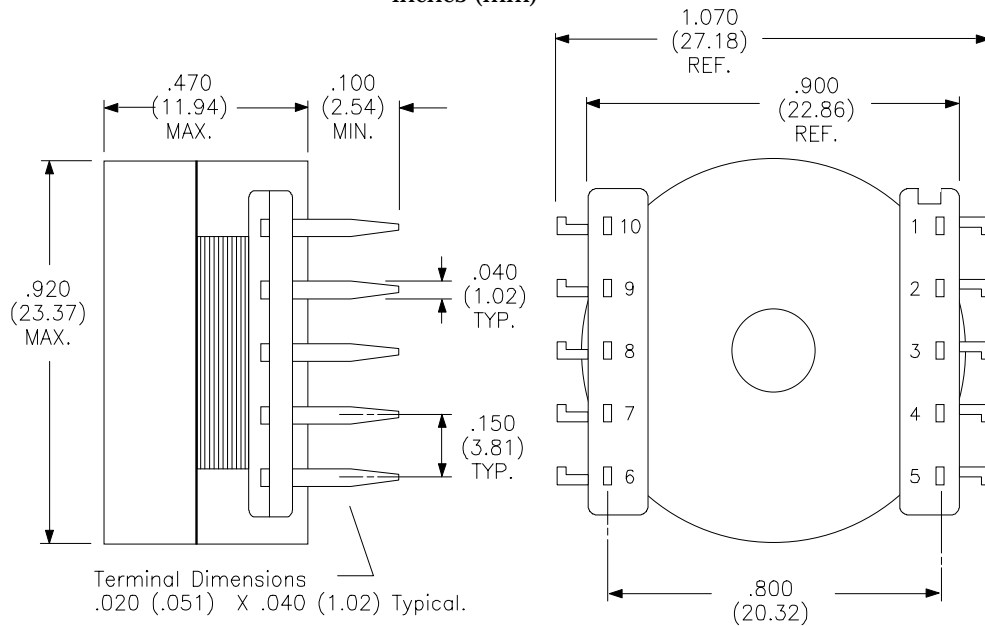
|                       |               |
|-----------------------|---------------|
| Turns Ratio ( ± 3 % ) | 1 : 1 : 1 : 1 |
|-----------------------|---------------|

| PARAMETER  | MIN. | MAX. | UNITS            |
|--|------|------|------------------|
| Primary Inductance <sup>1</sup> (Chip Side)<br>Pins 1-5 with 2 & 4 shorted.          | 396  | 484  | μH               |
| Leakage Inductance <sup>2</sup><br>Pins 1-5 with 2 & 4 shorted.<br>Secondary Shorted |      | 15   | μH               |
| Primary DC Resistance<br>Pins 1-2 or 4-5   |      | 0.16 | ohms             |
| Secondary DC Resistance<br>Pins 6-9, or 7-10   |      | 1.20 | ohms             |
| Isolation (Hi-Pot)   | 2500 |      | V <sub>RMS</sub> |



1. Tested @ 10kHz & 100 mV<sub>RMS</sub>
2. Tested @ 100kHz & 100 mV<sub>RMS</sub>

### Physical Dimensions inches (mm)



|                     |               |
|---------------------|---------------|
| RHOMBUS P/N: T-1281 |               |
| CUST P/N:           | NAME:         |
| DATE: 09/18/99      | SHEET: 1 of 1 |