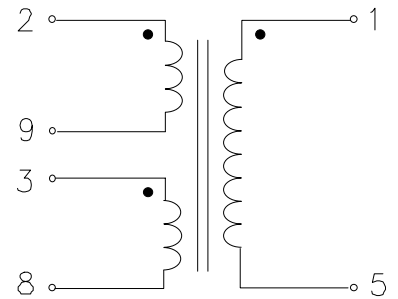


HDSL Transformer

Turns Ratio ($\pm 3\%$) 0.9 : 0.9 : 1.0
 Pins 2-9 : 3-8 : 1-5

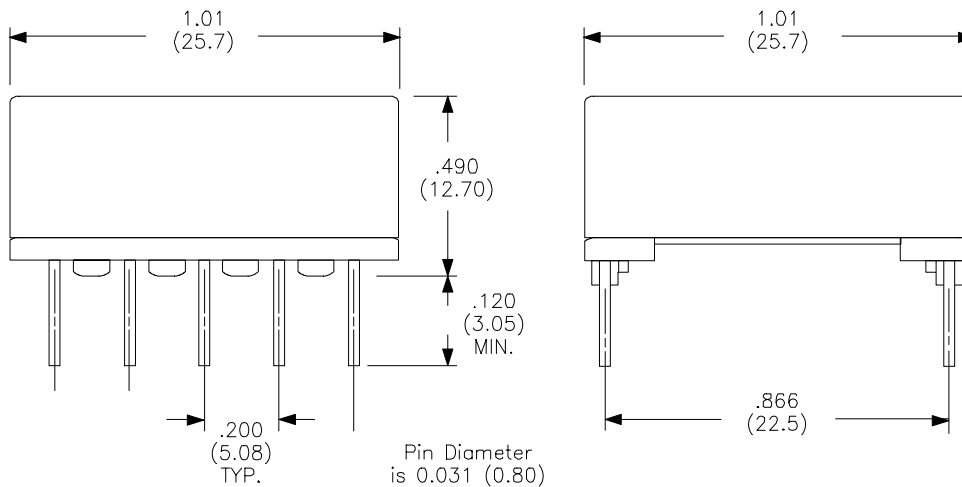
Schematic Diagram



| PARAMETER | MIN. | MAX. | UNITS |
|---|------|------|------------------|
| Primary Inductance ¹ (Pins 1-5) | 810 | 990 | μH |
| ² Leakage Inductance | | 13 | μH |
| ² Interwinding Capacitance | | 100 | pF |
| Primary DC Resistance (Pins 1-5) | | 1.0 | ohms |
| Secondary DC Resistance (Pins 3-8 or 2-9) | | 1.0 | ohms |
| Isolation (Hi-Pot) | 1500 | | V_{RMS} |
| DC Bias | | 500 | mA |

¹Tested @ 10kHz & 1 V_{RMS}
²Tested @ 100kHz & 1 V_{RMS}

Physical Dimensions inches (mm)



Notch Indicates Pin #1

| | |
|--------------------|---------------|
| RHOMBUS P/N: T-789 | |
| CUST P/N: | NAME: |
| DATE: 01/05/97 | SHEET: 1 of 1 |