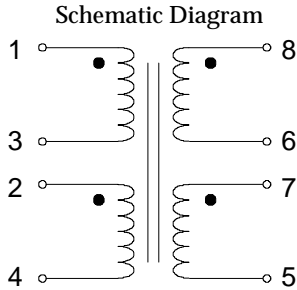


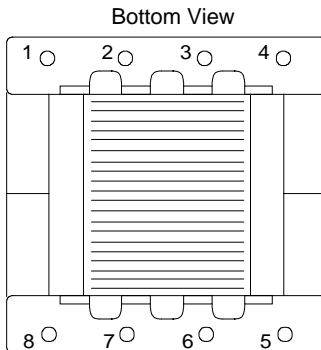
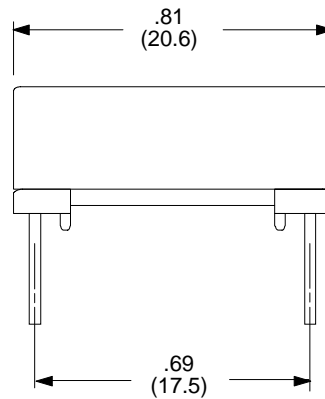
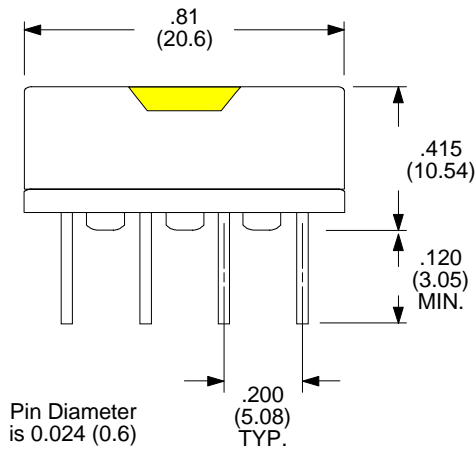
# RADSL Transformer

## Reinforced Insulation Per EN 41003/EN 60950



### Physical Dimensions

inches (mm)



| Parameter   | Min.     | Max.     | Units     |
|---|----------|----------|-----------|
| Turns Ratio (1-3) : (5-8) with 6 & 7 shorted                                  | 1 : 3.93 | 1 : 4.17 |           |
| Turns Ratio (2-4) : (5-8) with 6 & 7 shorted                                  | 1 : 1.96 | 1 : 2.08 |           |
| Primary Inductance<br>Pins 1-3, All others windings open                      | 25       | 30       | $\mu$ H   |
| Leakage Inductance <sup>(1)</sup>   |          | .5       | $\mu$ H   |
| Leakage Inductance <sup>(2)</sup>   |          | 5        | $\mu$ H   |
| Interwinding Capacitance <sup>(3)</sup>                                       |          | 30       | pF        |
| Interwinding Capacitance <sup>(4)</sup>                                       |          | 35       | pF        |
| Resistance pins (1-3)   |          | 0.5      | ohms      |
| Resistance pins (2-4)   |          | 1.0      | ohms      |
| Resistance pins (5-8)<br>with 6,7 shorted                                     |          | 2.0      | ohms      |
| Isolation (Hi-Pot)  | 3000     |          | $V_{RMS}$ |
| DC Bias   |          | 2        | mA        |
| Insertion Loss 35 kHz to 1.0 MHz  |          | 0.5      | dB        |
| Longitudinal Balance 35 KHz to 650 KHz  |          | -60      | dB        |
| Signal Voltage (secondary)  |          | 15       | Vp-p      |
| THD, Total Harmonic Distortion<br>15 Vp-p @ 100 KHz at (5-8) with 6,7 shorted |          | -90      | dB        |

1. Tested at 100 KHz & 100 mV (1-3) with 2,4 open 5,6,7,8 shorted
2. Tested at 100 KHz & 100 mV (2-4) with 1,3 open 5,6,7,8 shorted
3. Tested at 100 KHz & 100 mV (1-3) to (5-8) with 6,7 shorted
4. Tested at 100 KHz & 100 mV (2-4) to (5-8) with 6,7 shorted

RHOMBUS P/N: T-1016

CUST P/N:

NAME: GLOBESPAN

DATE: 01/02/98

SHEET: 1 of 1