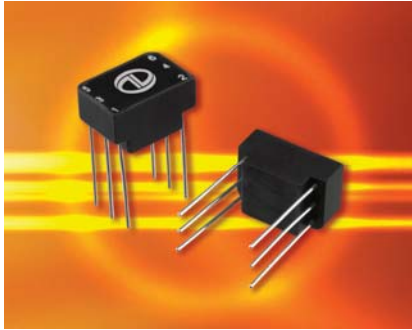




ROMOLAND, INC.

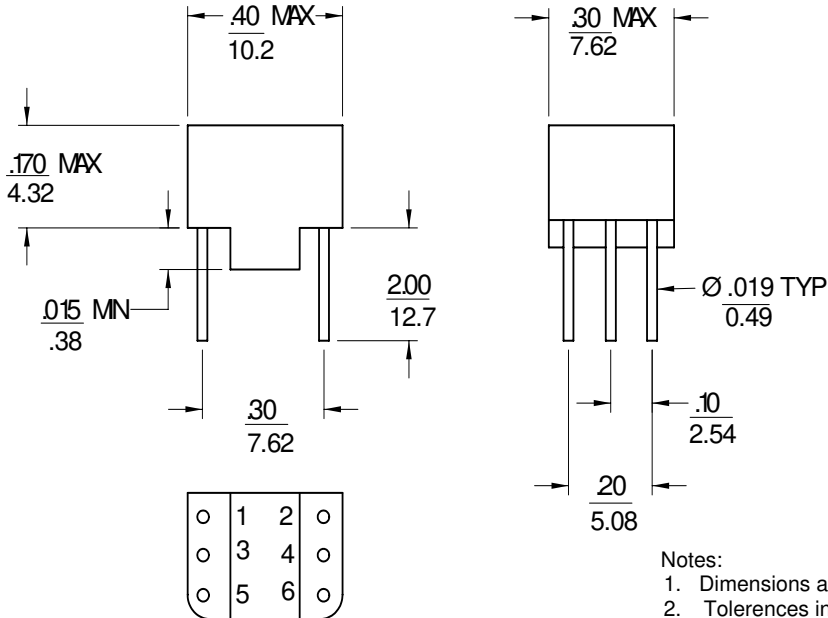
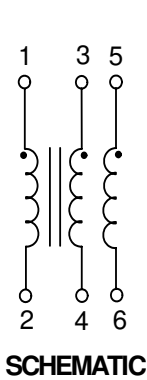
4257-000X SERIES TRANSFORMER MICROMINIATURE PULSE



Features

- Dielectric Strength 250Vrms
- Insulation Resistance 10,000 Megohms
- Maximum Average Power 25 mW
- Peak Pulse Voltage 50 Volts
- MIL-PRF-21038 Seal Construction
- High Performance to Size Ratio
- Application Engineering Service: Engineering Data Available on Request
- Electrical Specification at 25°C

| Transformer P/N | Turns Ratio Pri:Sec:Ter | Primary Inductance μH ($\pm 20\%$) | ET Constant Volt μSec | Leakage Inductance μH (Max) | Interwind Capacitance pF (Max) | DCR Ω $\pm 20\%$ | | | Effective Distributed Capacitance 1-2 (1,3,5 GND) pF (Max) |
|-----------------|-------------------------|---|----------------------------------|--|--------------------------------|-------------------------|-------|-------|--|
| | | | | | | 1 - 2 | 3 - 4 | 5 - 6 | |
| 4257 -0001 | 1:1:1 | 30 | 2.6 | .13 | 9.0 | .38 | .38 | .38 | 5 |
| 4257 -0002 | 1:1:1 | 60 | 307 | .14 | 11.5 | .45 | .45 | .45 | 5 |
| 4257 -0003 | 1:1:1 | 250 | 3.3 | .17 | 15.5 | .57 | .57 | .57 | 5 |
| 4257 -0004 | 1:1:1 | 500 | 4.8 | .22 | 25.0 | .81 | .81 | .81 | 5 |
| 4257 -0005 | 2:1:1 | 30 | 2.6 | .30 | 7.5 | .38 | .38 | .38 | 4 |
| 4257 -0006 | 2:1:1 | 60 | 3.7 | .33 | 8.5 | .50 | .50 | .50 | 4 |
| 4257 -0007 | 2:1:1 | 250 | 3.3 | .38 | 11.5 | .60 | .60 | .60 | 4 |
| 4257 -0008 | 2:1:1 | 500 | 4.8 | .50 | 15.5 | .81 | .81 | .81 | 4 |



- Notes:
1. Dimensions are in inches/mm.
 2. Tolerances $\text{inches } .XXX \pm .010$
 $\text{mm } .XX \pm .25$
 3. Drawing is not to scale.