

MULTI -PURPOSE TRANSFORMER

Turns Ratio (± 2%)

1 : 1

| PARAMETER | MIN. | NOM. | UNITS |
|---------------------------------------|------|------|-------------------|
| Open Circuit Inductance | 5.0 | 6.0 | mHy |
| Leakage Inductance | | 110 | μHy |
| Interwinding Capacitance (C_{WW}) | | 60 | pF |
| Primary DC Resistance | | 10.4 | ohms |
| Secondary DC Resistance | | 11.8 | ohms |
| Isolation (HI-POT) | 1.5 | | KV _{RMS} |
| ET Product | 175 | 500 | VμS |

TEST CONDITIONS:

Oscillation Voltage = 1 V_{RMS}

Oscillation Frequency = 100.0 KHz

Inductance measured on Primary winding. Pins 1 - 2.

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

Temperature Characteristics:

-55° C 4.35 mH nom. (13% drop in inductance)

+125° C 4.75 mH nom. (5% drop in inductance)

Typical part:

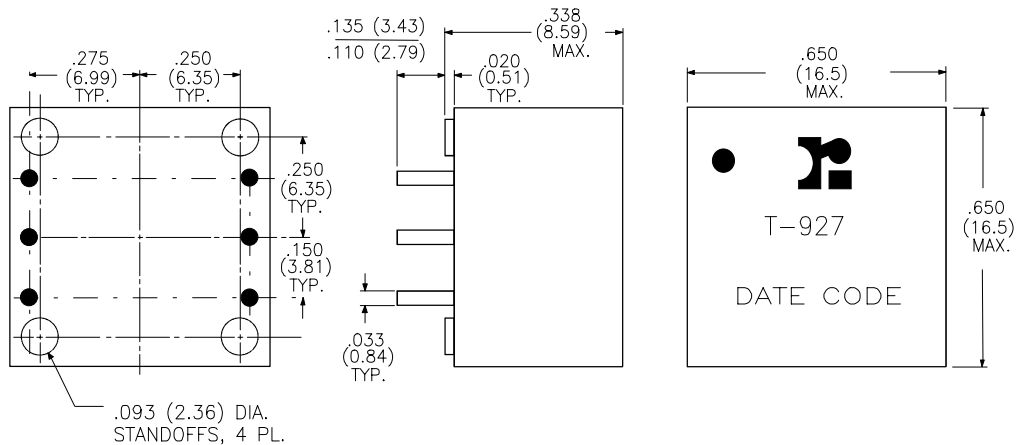
6.0 mH @ +25° C

5.7 mH @ +125° C

5.22 mH @ -40° C

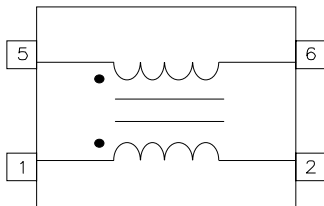
Parts shipped in anti-static tubes. 26 pieces per tube

PHYSICAL DIMENSIONS
All dimensions in inches (mm):



UNUSED PINS OMITTED

SCHEMATIC DIAGRAM:



RHOMBUS INDUSTRIES INC.
FSCM NO. 16714

RHOMBUS P/N: T-927

CUST P/N:

NAME:

DATE: **6/23/97**

SHEET: 1 OF 1