

# 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 ( $C_{WWW}$ )		60	pF
Primary DC Resistance		10.4	ohms
Secondary DC Resistance		11.8	ohms
Isolation (HI-POT)	1.5		KV <sub>RMS</sub>
ET Product	175	500	VμS

**TEST CONDITIONS:**

Oscillation Voltage = 1 V<sub>RMS</sub>

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:

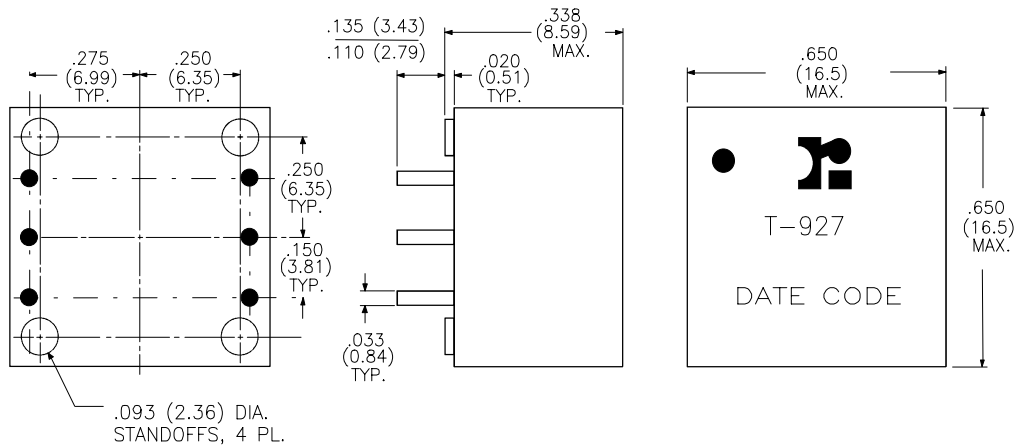
6.0 mH @ +25° C

5.7 mH @ +125° C

5.22 mH @ -40° C

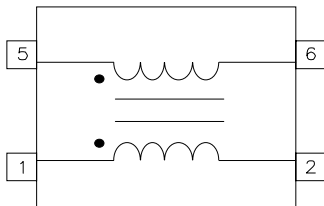
Parts shipped in anti-static tubes. 26 pieces per tube

**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