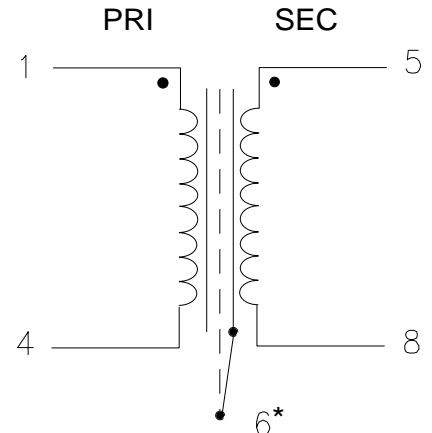


Electrical Specifications at 25°C

Parameter			Units
Impedance	PRI.	600	$\Omega$
	SEC.	600	$\Omega$
Turns Ratio ( $\pm 2\%$ )		1:1.1036	
Direct Current in Pri. (DCI)	maximum	120	mA
DC Resistance	PRI. $\pm 10\%$	57.5	$\Omega$
	SEC. $\pm 10\%$	99	$\Omega$
Insertion Loss	max., ref. 1 kHz	1.3	dB
Return Loss	min., 300 Hz	11	dB
Echo Return Loss	min. 18.0		dB
Frequency Response	300 Hz to 3.5 kHz	$\pm 0.5$	dB
T.H.D.	typ. 300 Hz, 0 dBm	-55	dB
Isolation	minimum	2200	V <sub>DC</sub>
Longitudinal Balance			
Meets FCC Part 68.310 (a) requirements			
Insulation Resistance		>100M $\Omega$ @500 VDC	

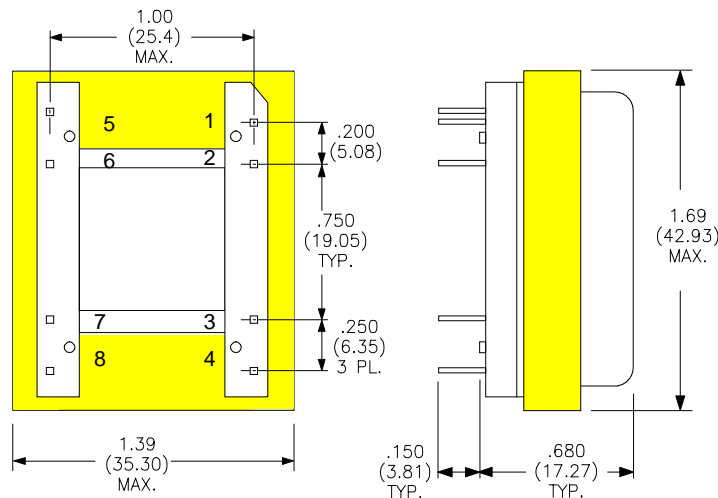
# Low Profile Coupling Transformer

## Schematic Diagram



\*Copper foil shield terminated to pin #6 and core.

## Physical Dimensions inches (mm)



RHOMBUS P/N: **T-31008**

CUST P/N:

NAME:

DATE: **3/21/97**

SHEET: 1 of 1