

CURRENT SENSE TRANSFORMER

Turns Ratio ($\pm 1\%$)

1 : 100

Electrical Specifications at 25°C

PARAMETER	MIN.	MAX.	UNITS
Secondary Inductance	20		mH
Secondary DC Resistance		1.40	ohms
Primary Unipolar Amp-Microsecond		300	A μ S
Primary Bipolar Amp-Microsecond		600	A μ S
Isolation (HI-POT)	3750		V _{RMS}
Terminating Resistance = 100 Ω			

Designed for Switching Power
Supply Applications

Primary Winding furnished

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

Maximum ratings specified with rated secondary terminating
resistance and 1 turn.

Amp- μ sec rating of primary equals volt- μ sec rating of secondary
when secondary is terminated into rated resistance.

Maximum operating temperature 105°C.

SCALEFACTOR:

V_{OUT} (Volts per Amp)

1 Volt @ rated terminating resistance

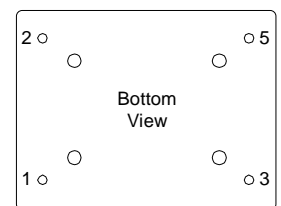
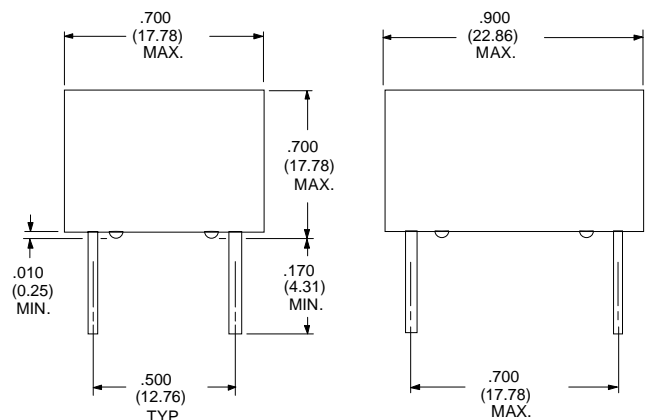
0.5 Volts @ 1/2 rated terminating resistance

2.0 Volts @ 2 times rated terminating resistance

20 Amps maximum suggested peak sense current @ 40% duty
cycle 40°C temperature rise

Frequency range 20 kHz and greater

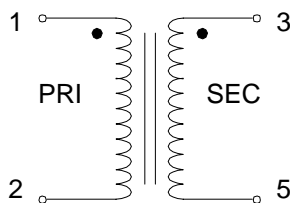
Physical Dimensions
inches (mm)



PRIMARY Leads: 16AWG (.0508")

SECONDARY Leads: 20AWG (.0320")

SCHEMATIC



RHOMBUS P/N: **T-20101**

CUST P/N:

NAME:

DATE: **5/10/00**

SHEET: 1 OF 1