

ADSL Line Interface Transformer

Designed for use with DMT ADSL Line interfaces

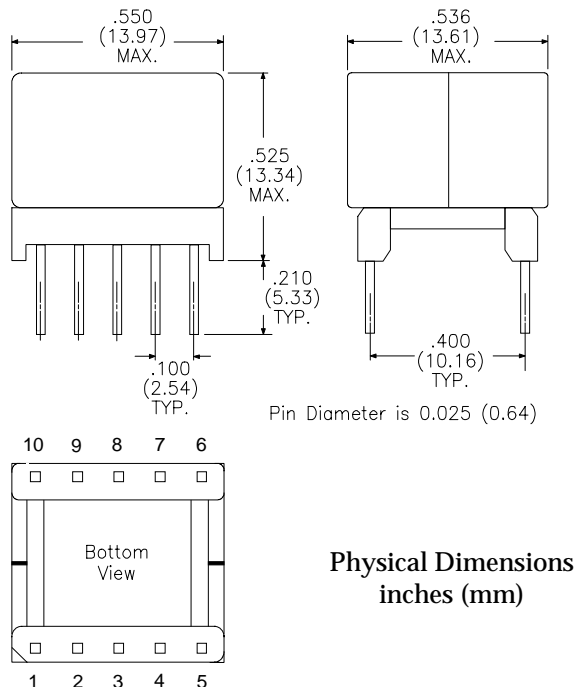
A surface Mount Version of this part is available

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

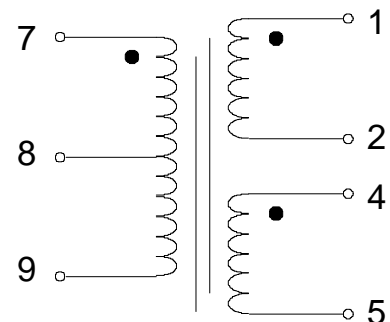
PARAMETER		UNITS
Turns Ratio	1:1 $\pm 2\%$ Pins 7-9 : 1-5	
¹ Inductance +7%	1.8	mH
² Leakage Inductance	11 max.	μ H
DCR Pins 7 - 9	1.4 max.	Ω
DCR Pins 1 - 5	1.5 max.	Ω
Longitudinal Balance 20 KHz - 1100 KHz	50 min.	dB
Frequency Response 40KHz - 1100KHz	± 1.0	dB
Insertion Loss @50KHz	1.7 max.	dB
Harmonic Distortion	85 Typ.	dB
Isolation (Min)	1500	V _{RMS}
Impedance	100	Ω

- 1) Tested @ 10 kHz and 100 mV (Pins 7-9)
- 2) Tested @ 10 kHz and 100 mV (Pins 7-9 short 1-2-4-5)

Primary is Device Side



Schematic Diagram



Rhombus P/N: T-1118	
Cust. P/N:	Name:
Date: 2/14/97	Sheet: 1 of 1