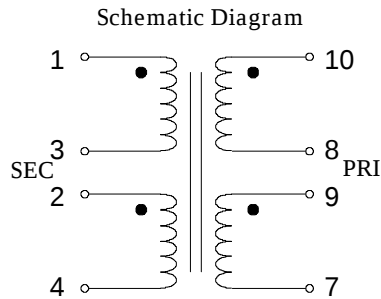
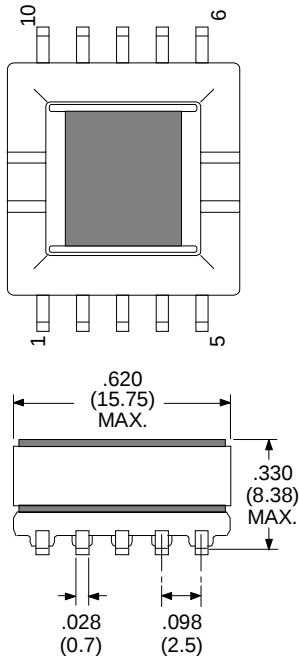


ADSL Transformer

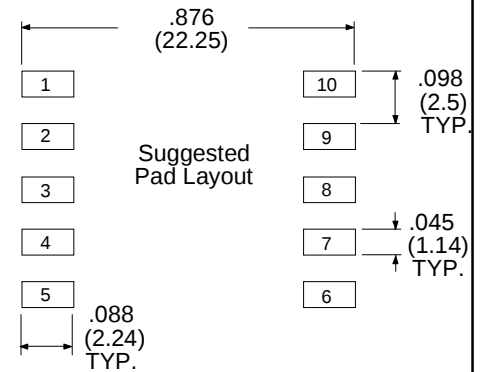
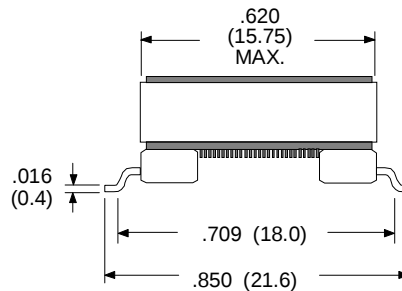


Parameter	Min.	Typ.	Max.	Units
Turns Ratio (1-3) : (10-7) with 8 & 9 shorted	1 : 2.85		1 : 2.90	
Turns Ratio (2-4) : (1-3)	2.85 : 1		2.90 : 1	
Secondary Inductance Pins 1-3, All others windings open	49.5	55	60.5	μ H
Leakage Inductance ⁽¹⁾		0.5		μ H
Leakage Inductance ⁽²⁾		5.0		μ H
Resistance pins (1-3)	0.17	0.19	0.20	ohms
Resistance pins (10-8)	0.35	0.39	0.42	ohms
Resistance pins (9-7)	0.35	0.39	0.42	ohms
Resistance pins (2-4)	0.63	0.70	0.77	ohms
Isolation (Hi-Pot)	1500			V _{RMS}
Insertion Loss at 100k, 12.6 Ω load			0.5	dB
Longitudinal Balance 35 KHz to 650 KHz	60			dB
THD, Total Harmonic Distortion 15 Vp-p, 12.6 ohm load, 100 ohm input @ 100 KHz at (7-10) with 8,9 shorted			-80	dB

1. Tested at 100 KHz & 10mAAC (1-3)
shorted 10-8, 7-9
2. Tested at 100 KHz & 10mAAC (2-4)
shorted 10-8, 7-9



Dimensions in Inches (mm)



LEAD COPLANARITY: .005 (.127)

RHOMBUS P/N: T-1184G

CUST P/N:

NAME:

DATE: 10/13/98

SHEET: 1 of 1