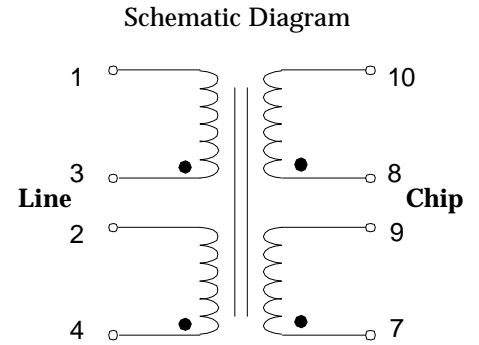


ADSL Line Transformer

Turns Ratio	(Line to Chip)			1 : 1 ± 2%
Parameter	Min.	Typ.	Max.	Units
Inductance ¹	432	480	528	μH
Leakage Inductance ²			10	μH
Longitudinal Balance @30 kHz - 1.1MHz	-40			dB
THD @10 kHz	-72			dB
Insertion Loss @ 100kHz and 1.1 MHz			1	dB
DCR 1-4 with (2-3) Shorted			1.0	Ω
DCR 7-10 with (8-9) Shorted			1.0	Ω
Hi-Pot Primary to Secondary	1500			V _{RMS}
Frequency Response @ 100kHz and 1.1 MHz @ 30kHz and 100kHz			0.5 1.5	dB dB

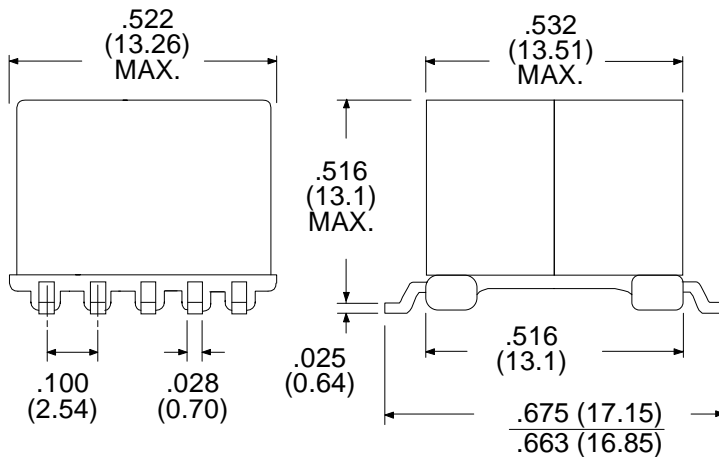


1. Tested at 10 kHz - .1V. Pins 1-4 with (2-3) Shorted
2. Tested at 300 kHz - .1V.
Pins 1-4 with (2-3) Connected, and 7-10, 8-9, Shorted.

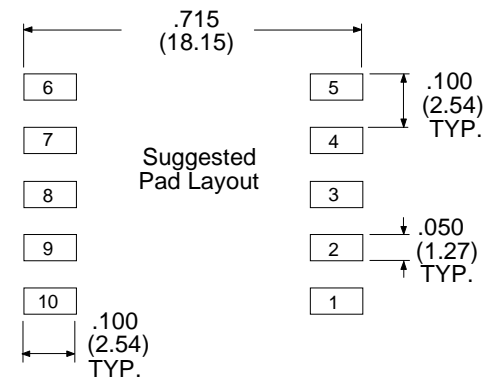
UL 1950 Double Insulation

Designed for use with Alcatel MTK-20140

Materials used in construction of this component meet or exceed UL Class B and can be operated up to 130°C



Dimensions in Inches (mm)



RHOMBUS P/N: T-1348G	
CUST P/N:	NAME:
DATE: 01/20/00	SHEET: