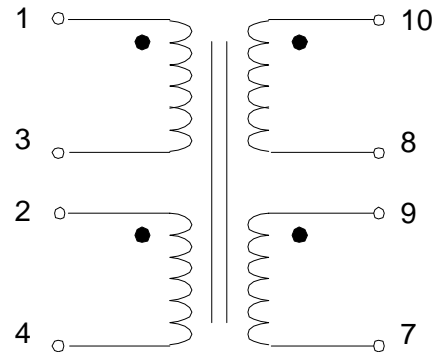


PARAMETER		UNITS
Turns Ratio	1 : 1 $\pm 2\%$	
Inductance <sup>1</sup>	5.0 $\pm 10\%$	mH
Inductance <sup>2</sup>	5.0 $\pm 10\%$	mH
Leakage Inductance <sup>3</sup>	18.0 Max.	$\mu$ H
DCR Pins 1 - 4	3 Max.	$\Omega$
DCR Pins 10 - 7	3 Max.	$\Omega$
THD (Linearity) at 30 kHz	-80	dB
Longitudinal Balance at 25 kHz to 1.1 MHz	40 Min.	dB
Insertion Loss at 100 kHz	0.5 Min.	dB
Frequency Response at 30 kHz to 1.1 MHz	$\pm 1.0$ Max	dB
Isolation (1-4 to 7-10)	1500	V <sub>RMS</sub>

# ADSL Line Interface Transformer

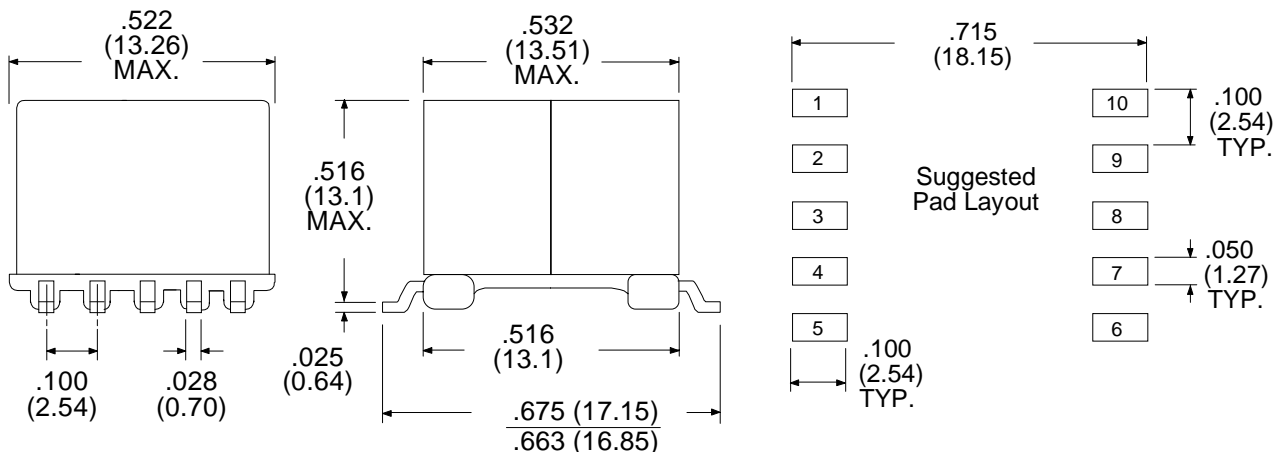
Designed for use with Analog Devices # AD20msp910/918

Schematic Diagram



1. Tested @ 10 kHz and 100 mVAC (Pins 1-4) With 2-3 shorted.
2. Tested @ 10 kHz and 100 mVAC (Pins 10-7) With 8-9 shorted.
3. Tested @ 100 kHz and 100 mVAC (Pins 1-4) With 8-9, 2-3, 10-7 Shorted.

Physical Dimensions  
inches (mm)



Rhombus P/N: **T-1308G**

Cust. P/N:

Name:

Date: **8/23/99**

Sheet: 1 of 1