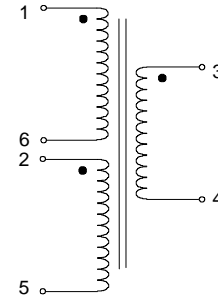


PARAMETER		UNITS
Turns Ratio Pins (3-4) : (1-5)	1 : 1 ±1%	
Inductance ¹ Min.	25.4	mH
DCR Pins 1 - 6	1.30 ±10%	Ω
DCR Pins 2 - 5	1.30 ±10%	Ω
DCR Pins 3 - 4	2.25 ±10%	Ω
Longitudinal Balance at 20 kHz - 1.1 MHz	40 Min.	dB
Return Loss at 30 kHz - 1.1 MHz	10	dB
Isolation (Any winding to any winding)	1250	V _{RMS}
Frequency Response 30 - 700 kHz	±0.5	dB

ADSL Line Interface Transformer

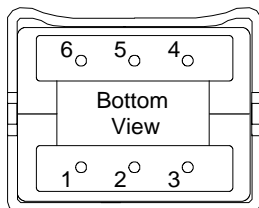
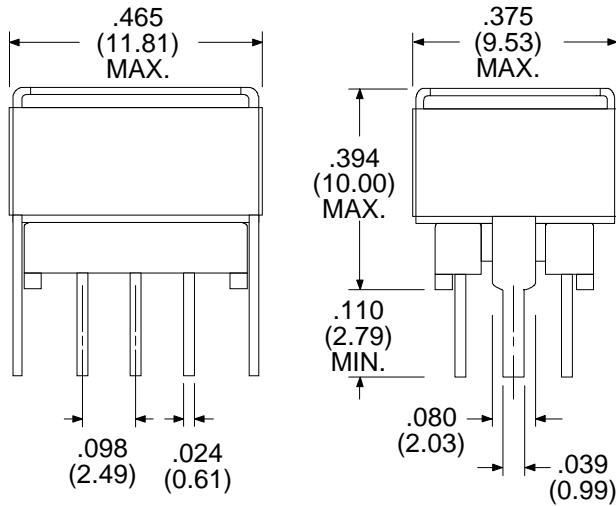
Designed for use with Analog Devices # AD20msp910

Schematic Diagram



1. Tested @ 10 kHz and 100 mVAC (Pins 3-4)
Tested on a Wayne Kerr 3245

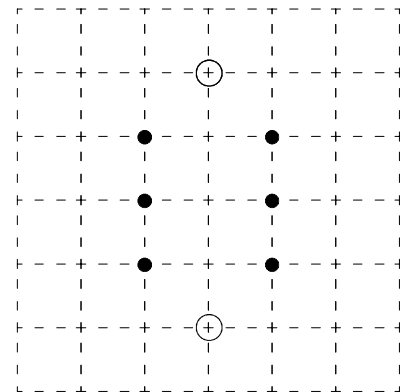
Primary = Line Side
Secondary = Device Side



Physical Dimensions
inches (mm)

PIN POSITION GRID 0.098 (2.5)

- CLIP SET TERMINATIONS
- BOBBIN TERMINATIONS



Rhombus P/N: **T-1099**

Cust. P/N:

Name:

Date: **6/25/98**

Sheet: 1 of 1