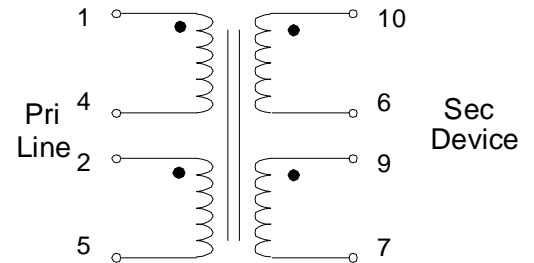


Turns Ratio (1-4 : 2-5)				1 : 1 ± 1%
(9-7 : 10-6)				1 : 1 ± 1%
(1-5 : 9-6) tie 2-4, 7-10				1.2 : 1 ± 1%
Parameter	Min.	Typ.	Max.	Units
Inductance 1-5 (2-4, shorted) ¹	3.76	3.96	4.16	mH
Leakage Inductance ²			18	μH
Interwinding Capacitance ³			60	pF
DC Resistance (1-4)		2.40	2.64	Ω
DC Resistance (2-5)		2.40	2.64	Ω
DC Resistance (9-7)		1.80	1.98	Ω
DC Resistance (10-6)		2.25	2.47	Ω
Hi-Pot 1-9 (shorted 2-4, 7-10)	1500			V _{RMS}
Longitudinal Balance 20k-1.1MHz	40			dB

1. Tested at 10 kHz - 100 mV
2. Tested at 100 kHz - 100 mV pins 1-5 (shorted 2-4, 7-10, 6-9)
3. Tested at 10 kHz -1.0VAC, 1-9 (shorted 2-4, 7-10)

ADSL LINE INTERFACE TRANSFORMER

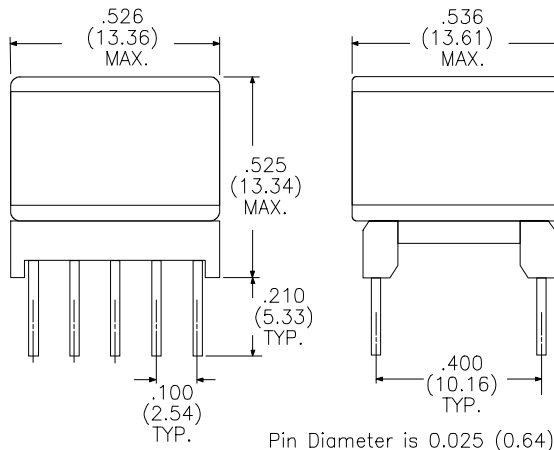
Schematic Diagram



Primary = Line Side
Secondary = Device Side

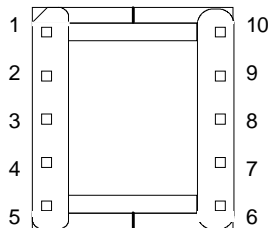
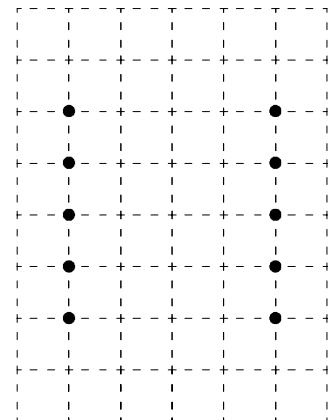
Designed for use with
Motorola MC143418

Physical Dimensions inches (mm)



PIN POSITION GRID 0.100 (2.54)

● HOLES FOR BOBBIN PINS



BOTTOM VIEW

Rhombus P/N: **T-1249**

Cust. P/N:

Name:

Date: **7/6/99**

Sheet: 1 of 1