

Description

The PS067707 is specifically designed for use in ADSL data Telecommunication.

capacitance provide superior fast rise time and

The Transformer are used to provide isolation

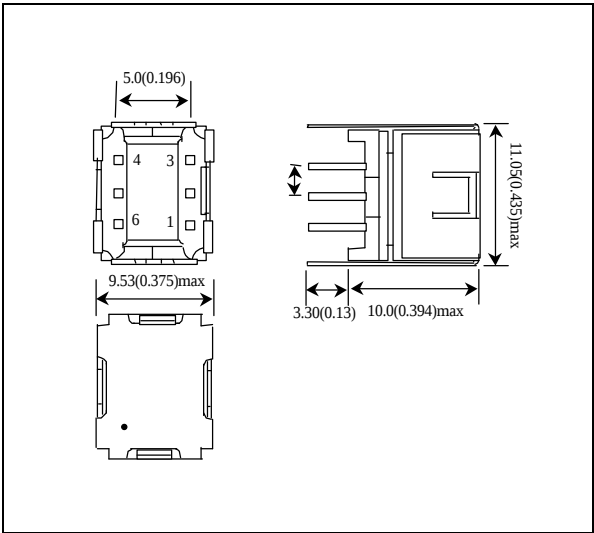
Feature

- ◆ Designed for use with Lucent ADSL Interface IC .
- ◆ Excellent Longitudinal Balance.
- ◆ 1.25KVAC Voltage Isolation .

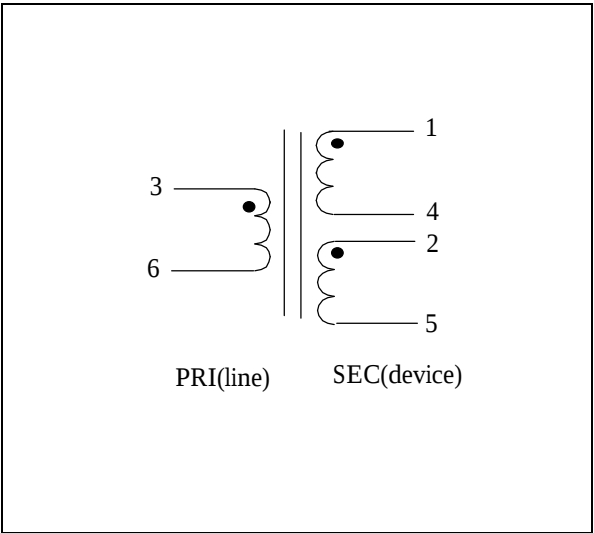
Specifications

Parameters	Condition		Min.	Typ	Max.	Unit
Turns Ratio	Pin(3-6):(1-5)			3.33		
Impedance	Pin(3-6)			100		Ω
Inductance	@10KHz , 100mV	Pin(3-6)	10			mH
Leakage Inductance	@10KHz , 100mV	Pin(3-6) tie 1+5 , 2+4			10.0	μH
Longitudinal Balance	@1KHz-1MHz		50.0			dB
Insertion loss	@100KHz				0.5	dB
DC Resistance		Pin(3-6)	1.125	1.25	1.375	Ω
		Pin(2-5)	0.189	0.21	0.231	Ω
		Pin(1-4)	0.162	0.18	0.198	Ω
Isolation Voltage		Pri to Sec 1 second		1250		Vac

Dimension



Schematic



Unless otherwise specified all tolerances are mm(inch) ± 0.25(0.010)