

Feature

- ◆ Application with 2B1Q and 4B3T coding.
- ◆ Compliance with the limiting Value curves for return loss.
- ◆ Isolation Voltage : 1500Vrms
- ◆ Superior symmetrical properties.

Specification

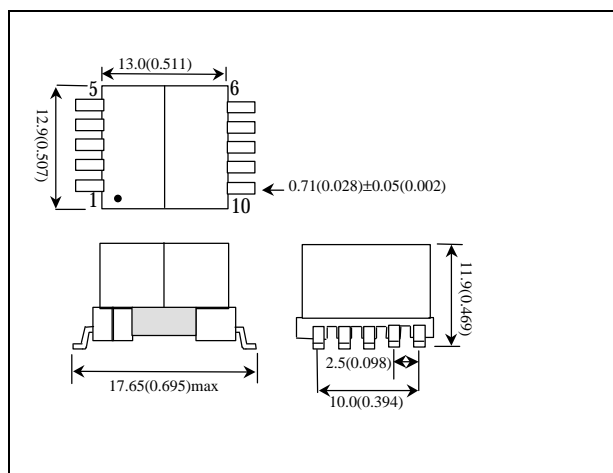
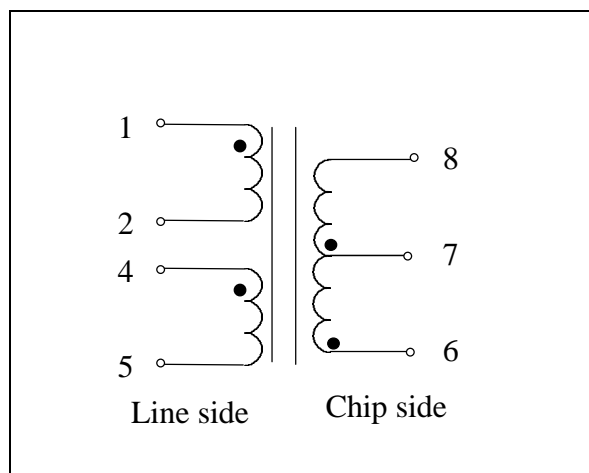
Parameters	Condition	Min.	typ	Max.	Unit
Turn ratio	Pin(1-5):(6-8)		1.65CS:1CT \pm 2%		
Inductance	Pin(1-5)	13.0		18.0	mH
DCR	Pin(1-5)			7.4	Ω
	Pin(8-6)			4.4	Ω
Dielectric strength	1 minute	1500			Vrms
Return loss	@10KHz-25KHz	20.0			dB
Longitudinal balance	@261Hz-40KHz	55.0			dB
Dc current		50			mA

Description

The PI106603 provide the functionality of isolation transformer that have been specifically designed for implementation of ISDN U-interface applications.

This interface supports the full duplex transmission of two B channel and one D channel of digitized voice and data at the rate of 160Kpbs over a single unshield twisted pair cable.

With 2B1Q and 4B3T line coding Technique for North American and Europe area respectively, it provide 80K baud rate and 120K baud rate for North American and Europe area respectively.

Dimension**Schematic**

Unless otherwise specified , all tolerances are mm(inch) \pm 0.25(0.10)