

Feature

◆ Isolation Voltage : 1500Vrms.

◆ Dual Surface mount type.

Specification

Part No.	Turn Ratio (Pri : Sec)		OCL (mH min.)Pri.		L _L Sec. (μH max.)		C _{ww} (pF)max		DCR Pri. (Ω max.)		DCR Sec. (Ω max.)		Schematic
	A	B	A	B	A	B	A	B	A	B	A	B	
PI126816	1:1.15CT	1CT:2CT	1.5	1.2	0.8	0.6	35	35	0.7	0.7	0.9	1.2	S4
PI126817	1CT:2CT	1:1.36CT	1.2	1.2	0.6	0.8	35	37	0.7	0.7	1.2	0.9	S1
PI126818	1CT:2CT	1:1.08CT	1.2	1.2	0.6	0.6	40	30	0.7	0.7	1.10	0.9	S1
PI126819	1CT:2CT	1CT:2CT	1.2	1.2	0.6	0.6	35	35	0.7	0.7	1.2	1.2	S2
PI126820	1CT:2CT	1:1	1.2	1.2	0.3-0.55	0.8	30	30	0.7	0.7	1.2	0.7	S3
PI126821	1:2CT	1:1.14CT	1.2	1.2	0.55	0.8	40	35	0.7	0.7	1.2	0.9	S5
PI126822	1:1/1.26	1:2CT	1.5	1.2	0.4	0.5	40	40	0.7	0.7	0.9	1.2	S5*
PI126823	1:1/1.26	1:1/1.26	1.5	1.5	0.4	0.4	45	45	0.8	0.8	1.0	1.0	S6*

See note

Typical Application

The PI1268XX series provide the functionality of isolation Transformer that have been specifically designed for implementation of primary rate access in ISDN.

Primary rate is used where the requirements for channel capacity exceed that of the basic rate.

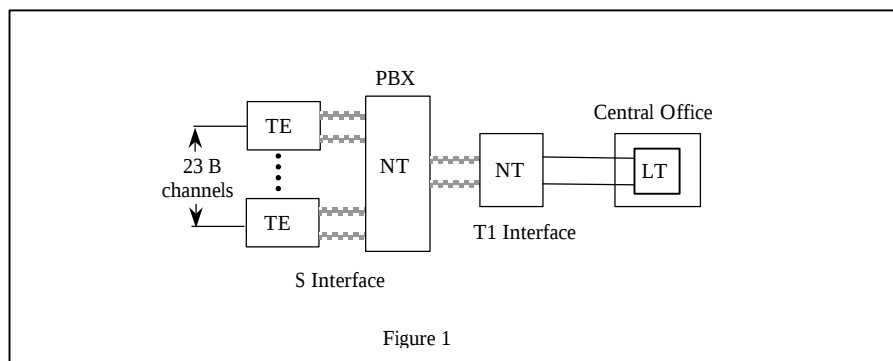
The primary rate access accommodates 23 duplex 64Kbps 'B-channel' for information ,one duplex 64Kbps 'D-channel' for signal and control for North American System.

The primary rate access also provide 30 B-channel and one D-channel for Europe System.

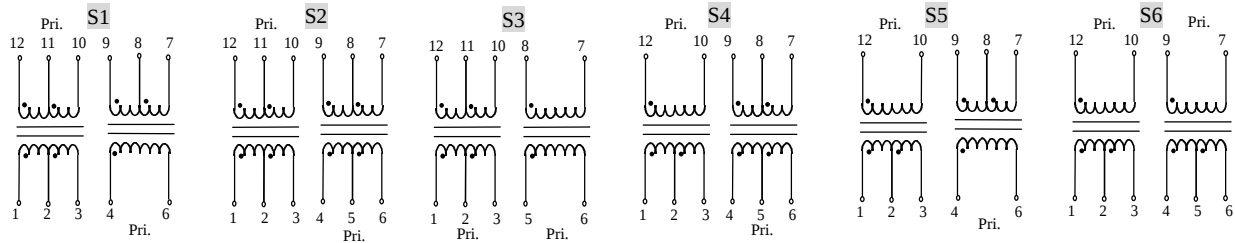
The technique of line coding are B8ZS(Bipolar with 8-zeros substitution) and HDB3(high density Bipolar 3 zeros) for North American and Europe area respectively.

The data rate are 1.544Mbps and 2.048Mbps for North American and Europe system respectively.

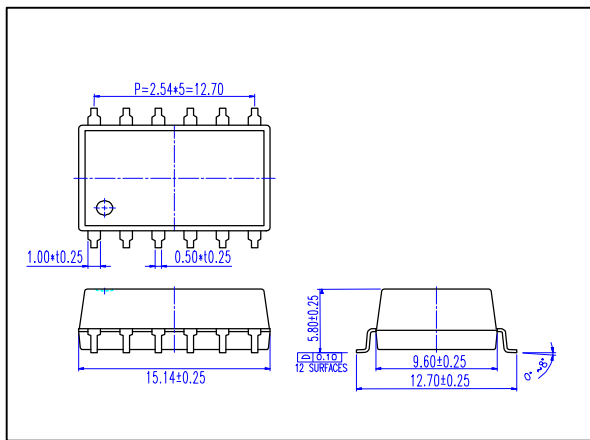
Typical application configuration have been shown on figure 1.



Schematic



Dimension



Note :

Part Number	Turn ratio	Sec Pins	Turn Ratio	Sec. Pins
PI126822	1 : 1	2-3	1:1.26	1-3
PI126823	1 : 1	2-3/5-6	1:1.26	1-3/4-6

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

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