

## CEPT/T1

## Input/Output Transformer

## TEW5314

TEW5314 is designed and approved to be used as a Receive transformer in T1/CEPT applications with the following Crystal devices: CS61535A, CS61574, CS61574A, CS61575 and CS6158A.

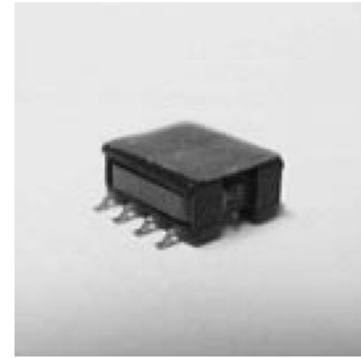
Also as a Transmit Transformer for: CS61574, CS61534 and CS61535

Longitudinal Bal.: Exceeds the requirements of ANSI T1.408 and CCITT I.431

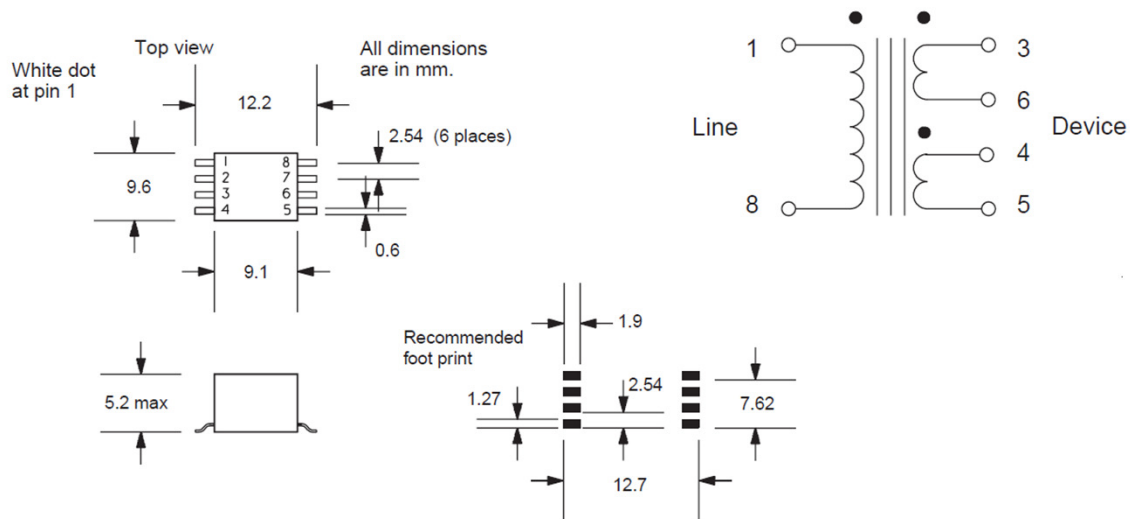
Return Loss: Exceeds the requirements of ANSI T1.408, CCITT G.703 and BS6328.

Typical applications are:

- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital Trunks.
- TDM Multiplexers.



### MECHANICAL



### ELECTRICAL SPECIFICATION

### TEW5314 - 1

### - 2

Line Impedance	(1-8)	100 or 120 Ω	75 Ω
Turns ratio	(1 - 8) : (3-6)+(4-5)	1 : 2	1 : 2
Inductance (mH)	(1-8)	> 1.2	> 0.75
Longitud. Bal.		I.431 T1.408	I.431
Return Loss		G.703 T1.408	G.703 BS6328
Dielectric Strength (Vrms)		1500	1500