

## CEPT /T1

## Input Transformer

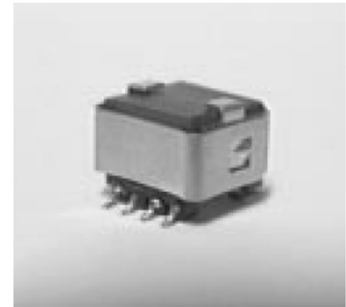
## TEW5913

TEW5913 is designed and approved to be used as a Receive Transformer in T1 and CEPT applications, with the following devices:

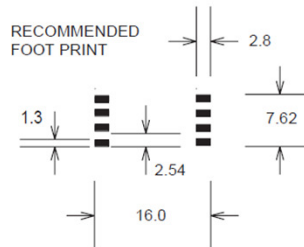
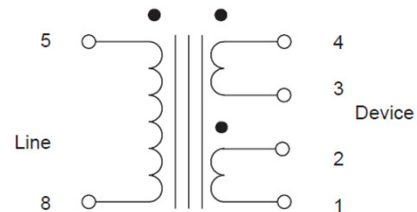
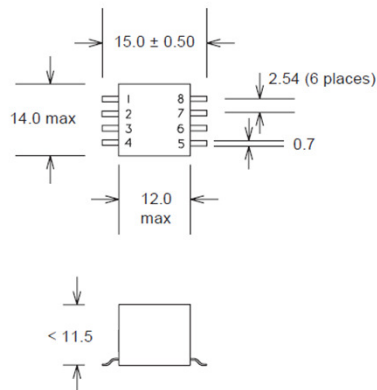
- Dallas DS2187
- PMC -Sierra PM4341 T1X  
PM6431 E1
- AT&T T7290
- Level -One LXT304A, 305A

Typical applications are:

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



### MECHANICAL



### ELECTRICAL SPECIFICATIONS

### TEW5913

Line Impedance		75, 100, 120 Ω
Turns Ratio	(1 - 2):(3 - 4):(5 - 8)	1 : 1 : 1
Inductance (mH)	(5 - 8)	> 1.8
Pulse Mask		T1 & CEPT
Longitudinal Bal.		T1.408 & I.431
Return Loss		T1.408, G.703 & BS6328
Dielectric Strength	(Vrms)	1500
Temperature	Operating	- 40° C to 70° C
	Storage	- 55° C to 85° C