

CEPT/T1

Output Transformer

TEW5301

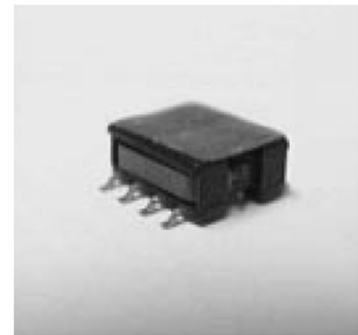
TEW5301 is designed and approved to be used as a transmit transformer in T1/CEPT applications with the following devices:

- Dallas DS2186
DS2151Q
DS2153Q
- PMC-Sierra PM4341 T1X
PM6431 E1
- AT&T T7290

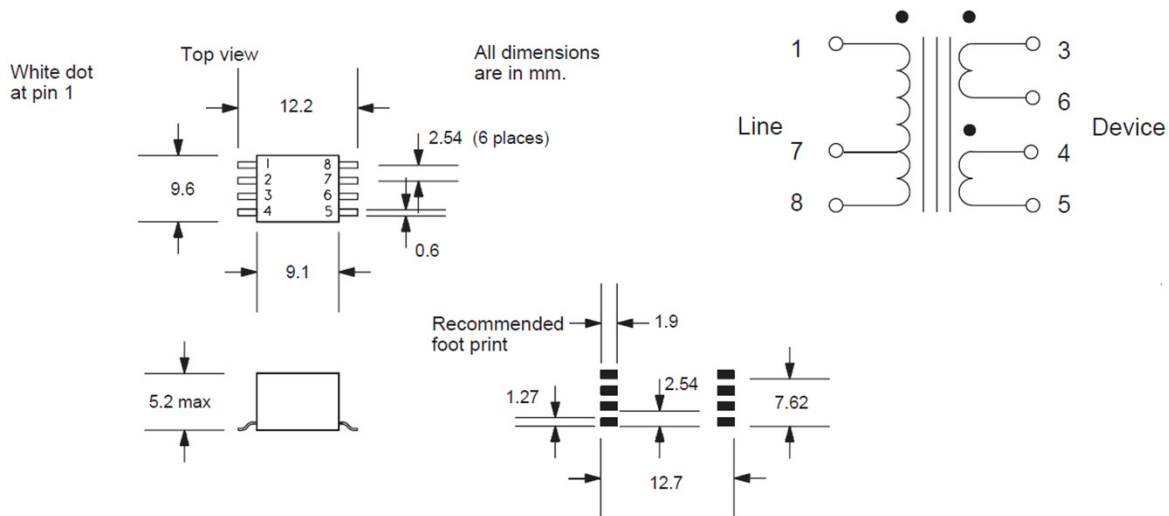
Complies with ANSI T1.408 and CCITT I.431 with regards to Longitudinal Balance.

Typical applications are:

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



MECHANICAL



ELECTRICAL SPECIFICATION

TEW5301 - 1

- 2

- 3

Line Impedance		100 & 120 Ω	75 Ω	75/100/120 Ω
Turns ratio	(3-6)+(4-5) : (1-8) (3-6)+(4-5) : (1-7)	1 : 1.36 n/a	1 : 1 n/a	1 : 1.36 1 : 1
Inductance (mH)	(1-8)	> 1.75	> 0.92	> 1.75
Longitud. Bal.		T1.408	I.431	T1.408 I.431
Pulse Mask		T1/CEPT	CEPT	CEPT
Dielectric Strength (Vrms)		1500	1500	1500