

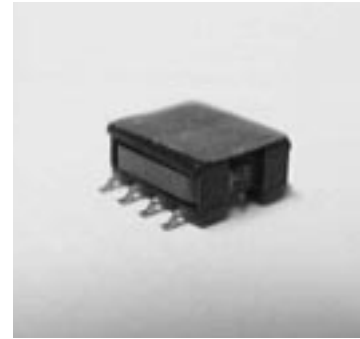
TEW5301 is designed and approved to be used as a transmit transformer in T1/CEPT applications with the following devices:

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

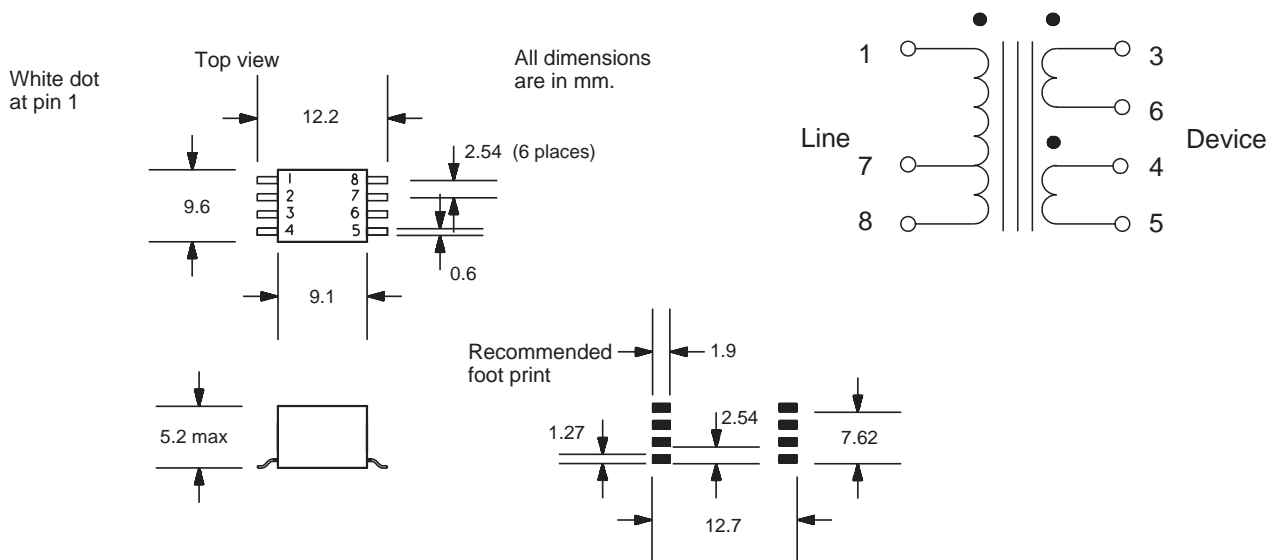
Complies with ANSI T1.408 and CCITT I.431 with regards to Longitudinal Balance.

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 |

ISSUE: D 96/08/08 TEW5301.chp