

**TEW5110** is designed and approved to be used as an Output Transformer with:

MITEL        MT89760, -60B  
                 MT89790, -90B .

**TEW5110-4** is designed for  
MITEL        MT89790B

when it operates from a single 5Vdc supply.

Low profile Surface Mount.

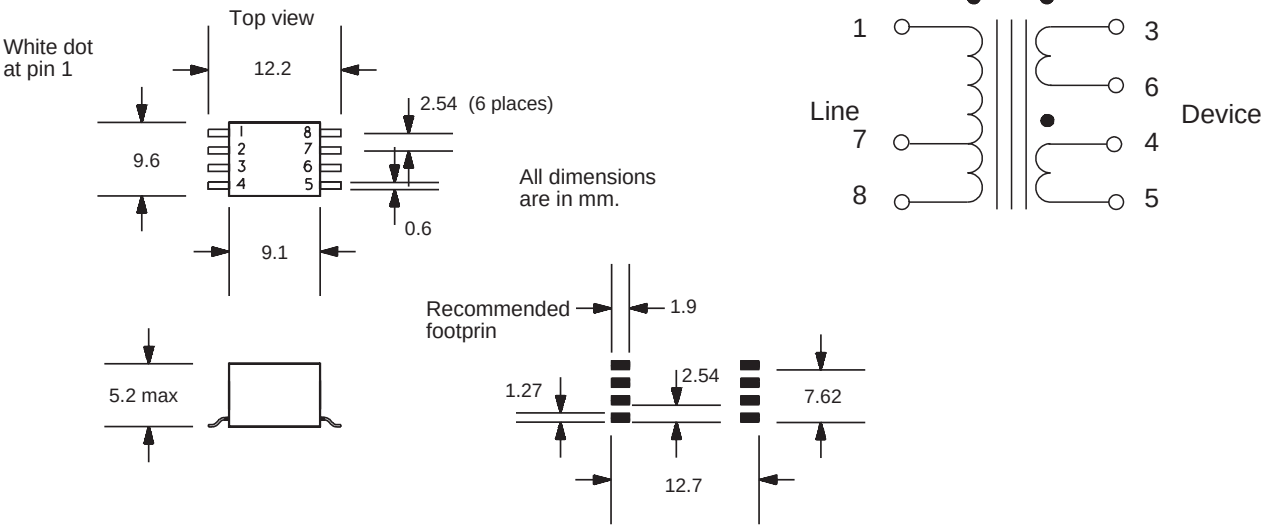
Complies with ANSI T1.408 and CCITT I.431 for Longitudinal Balance.

Typical applications are:

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



MECHANICAL



ELECTRICAL SPECIFICATION

TEW5110 - 1

- 2

- 3

- 4

|                            |                                        |                    |             |                            |                      |
|----------------------------|----------------------------------------|--------------------|-------------|----------------------------|----------------------|
| Application                |                                        | T1 & CEPT          | CEPT        | CEPT                       | CEPT                 |
| Line Impedance             |                                        | 100 & 120 $\Omega$ | 75 $\Omega$ | 75/120 $\Omega$            | 75/120 $\Omega$      |
| Turns ratio                | (3-6):(4-5):(1-8)<br>(3-6):(4-5):(1-7) | 1 : 1 : 0.5        | 1 : 1 : 0.4 | 1 : 1 : 0.5<br>1 : 1 : 0.4 | 1:1:1.37<br>1:1:1.12 |
| Inductance (mH)            | (1-8)                                  | > 0.50             | > 0.38      | > 0.50                     | > 0.50               |
| Longitud. Bal.             |                                        | T.408<br>I.431     | I.431       | I.431                      | I.431                |
| Pulse Mask                 |                                        | T1 & CEPT          | CEPT        | CEPT                       | CEPT                 |
| Dielectric Strength (Vrms) |                                        | 1500               | 1500        | 1500                       | 1500                 |