

CEPT/T1

Output Transformer

TEW5110

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

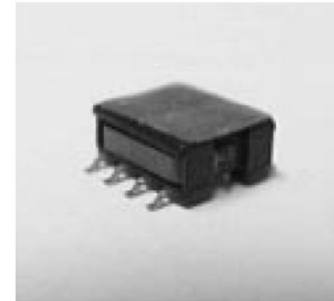
when it operates from a single
5Vdc supply.

Low profile Surface Mount.

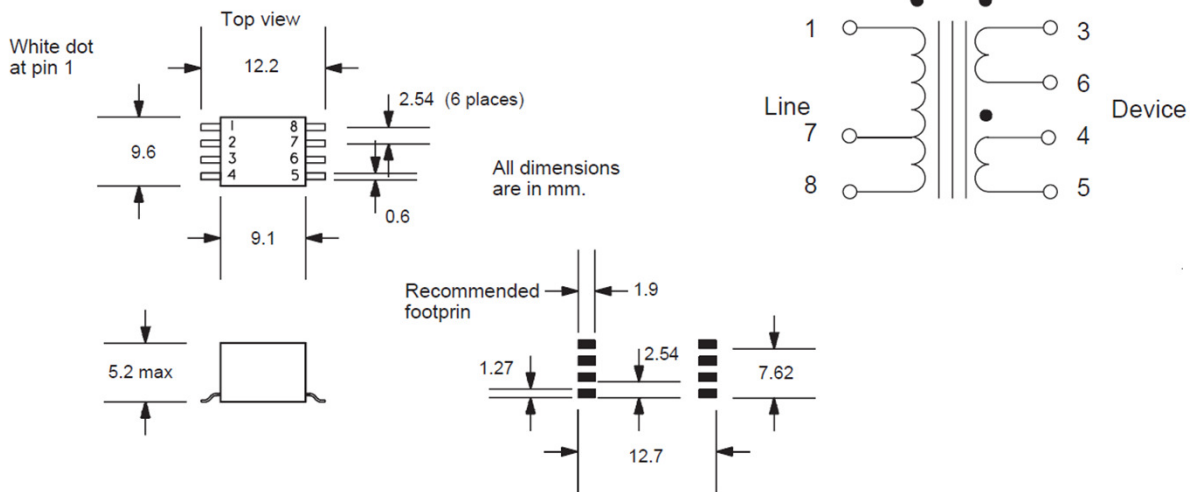
Complies with ANSI T1.408 and
CCITT I.431 for Longitudinal Balance.

Typical applications are:

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



MECHANICAL



ELECTRICAL SPECIFICATION

TEW5110 - 1

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