

CEPT /T1

Input/Output Transformer

TEW 4596

TEW 4596 is designed to be used either as a transmit or a receive transformer in the ISDN primary rate access network for T1 and CEPT applications.

TEW 4596 is recommended for use with the following devices:

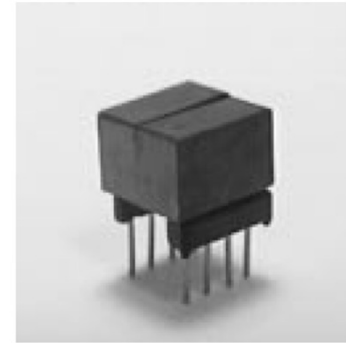
Crystal CS61534, CS61535, CS61574, CS6158

Level One LXT300, LXT301 LXT305

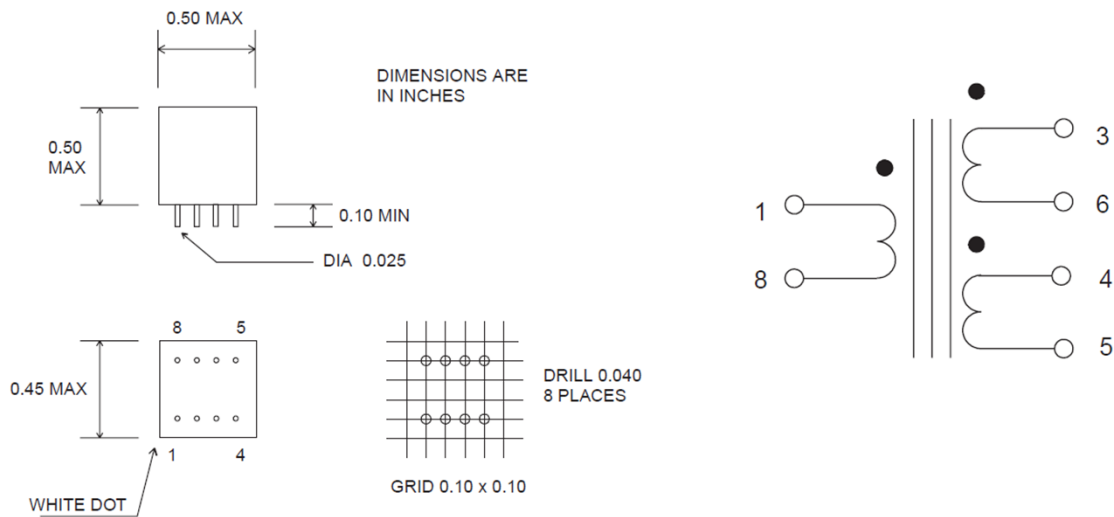
Typical applications are:

- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital trunks.
- High speed data link using T1/CEPT Digital Trunk.
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For proper terminations consult respective manufacturers applications notes.



MECHANICAL



ELECTRICAL SPECIFICATIONS

TEW4596

Line Impedance			75, 100 & 120 Ω
Inductance	mH	(1-8)	> 0.6
Leakage Ind.	μ H	(1-8)	< 1.3
Inter wind. cap.	pF		< 23
Turns ratio		(1-8) : (3-6)	1:1
		(1-8) : (4-5)	1:1
Return Loss	dB		> 20
Wave Shape			T1/CEPT pulse mask
Dielectric strength	Volts, rms		1500