

CEPT/T1

Output Transformer

TEW5362

TEW5362 is designed and approved to be used as a transmit transformer in T1/CEPT applications with the following devices:

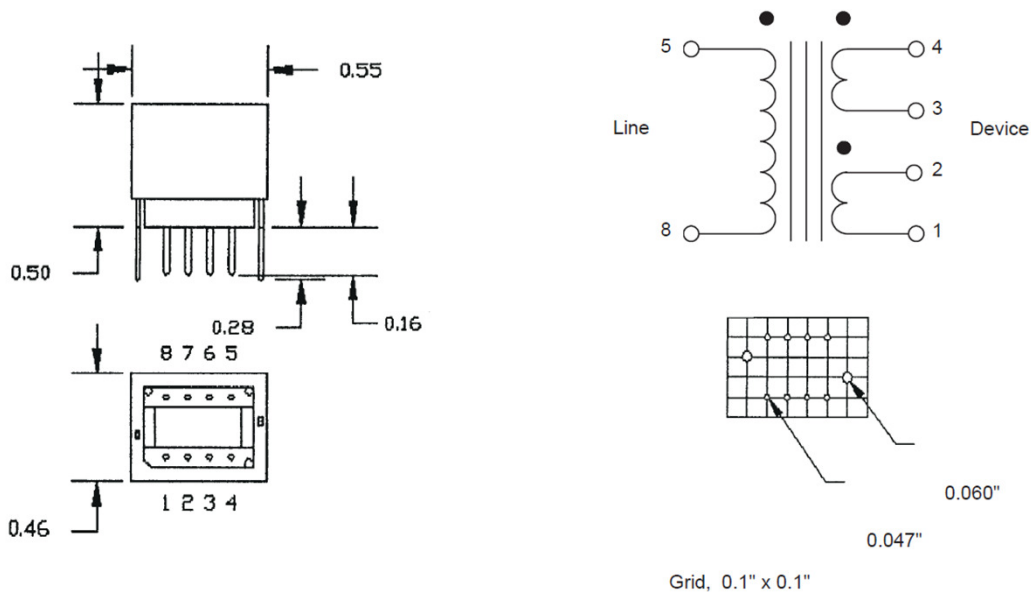
- Dallas DS2186
DS2153Q
- PMC-Sierra PM4341 T1X
PM6431 E1
- AT&T T7290

Typical applications are:

- Wide temperature range.
- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital trunks.
- TDM Multiplexers.



MECHANICAL



ELECTRICAL SPECIFICATION

			TEW5362-1	TEW5362-2
Line Impedance			100 & 120 Ω	75 Ω
DCR	(Ohms)	(1-2) + (3-4) (5-8)	0.65 0.75	0.65 0.55
Inductance	(mH)	(5-8)	> 1.8	> 0.9
Leakage Ind.	(μ H)	(5-8)	< 1.0	< 0.8
Turns Ratio		(1-2) : (3-4) : (5-8)	0.5 : 0.5 : 1.36	0.5 : 0.5 : 1
Longitudinal Bal.			T1.408 & I.431	I.431
Pulse Shape			T1 & CEPT	CEPT
Dielectric Strength	(Vrms)		1500	1500
Temperature	Operating Storage	-40° to 85° C -55° to 105° C		