

## T1/CEPT

## Output Transformer

## TEW5327

TEW5327 is designed to be used as a transmit transformer in the ISDN primary rate access network with the following devices:

- Dallas DS2186
- AT&T T7290
- PMC-Sierra PM4341 T1X  
PM6341 E1
- Brooktree BT8370

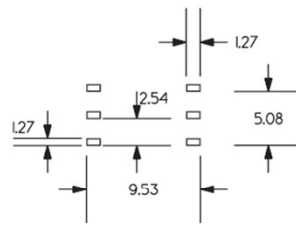
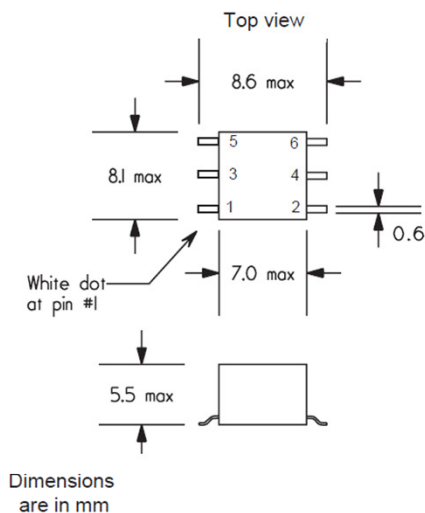
### Applications

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

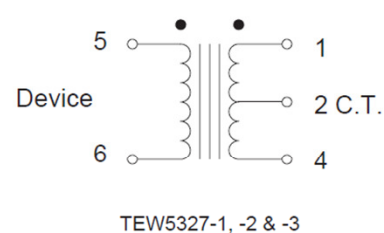
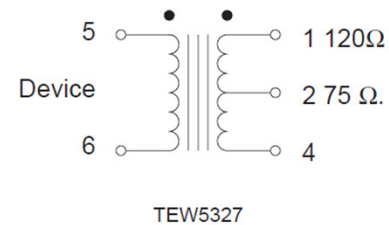
Meets the requirements of CTR4



### MECHANICAL



Recommended Foot Print



ELECTRICAL SPECIFICATION		TEW5327	TEW5327-1	TEW5327-2	TEW5327-3
Line Impedance (Ω)	(1 - 4)	120	120	100, 75, 120	100, 75, 120
	(1 - 2)	75	c.t.	c.t.	c.t.
Turns ratio	(5 - 6) : (1 - 4)	1 : 1.35	1 : 1.36	1 : 1.36	1 : 1.36
	(5 - 6) : (1 - 2)	1 : 1	1 : 0.68	1 : 0.68	1 : 0.68
Inductance (mH)	(1 - 4)	> 0.5	> 0.5	> 2.8	> 2.1
Pulse Mask		G.703	G.703	T1.408, G.703	T1.408, G.703
Longitudinal Balance		I.431	I.431	T1.408, I.431	T1.408, I.431
Dielectric Strength (V rms)		1500	1500	1000	1500

For new designs  
use 5327-3