

CEPT/T1

Output Transformer

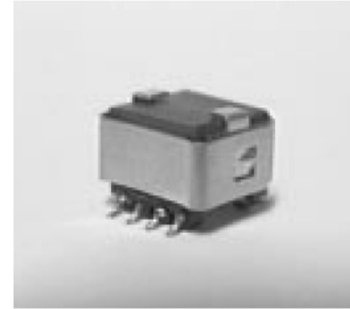
TEW5912

TEW5912 is designed and approved to be used as a transmit transformer in T1/CEPT applications with the following devices:

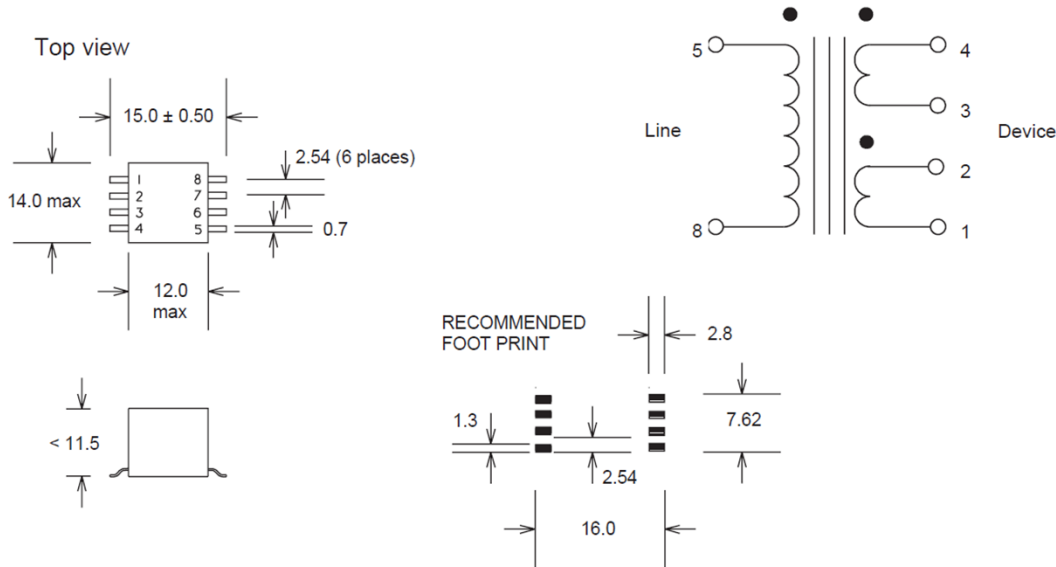
- Crystal
CS61535A, CS61574A
CS61575, CS6158A
- Level-One
LTX304A, LTX305A

Typical applications are:

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



MECHANICAL



ELECTRICAL SPECIFICATION			TEW5912-1	-2	-3
Line Impedance			100 Ω	75 Ω	120 Ω
DCR	(Ohms)	(1-2) + (3-4) (5-8)			
Inductance	(mH)	(5-8)	> 1.5	> 1.2	> 1.8
Leakage Ind.	(μ H)	(5-8)	< 1.0	< 1.0	< 1.0
Turns Ratio		(1-2) + (3-4) : (5-8)	1 : 1.16	1 : 1	1 : 1.26
Longitudinal Bal.	(dB)	50 - 1.544KHz	> 40	> 40	> 40
Pulse Shape			T1	CEPT	CEPT
Dielectric Strength	(Vrms)		1500	1500	1500
Temperature	Operating	-40° to 70° C			
	Storage	-55° to 85° C			