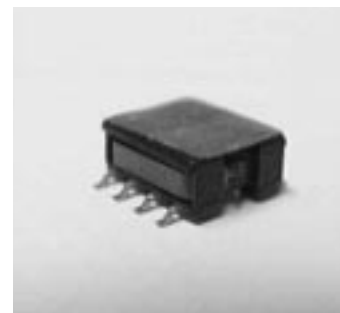


TEW5914 is designed and approved to be used as a transmit transformer in T1/CEPT applications with the following devices:

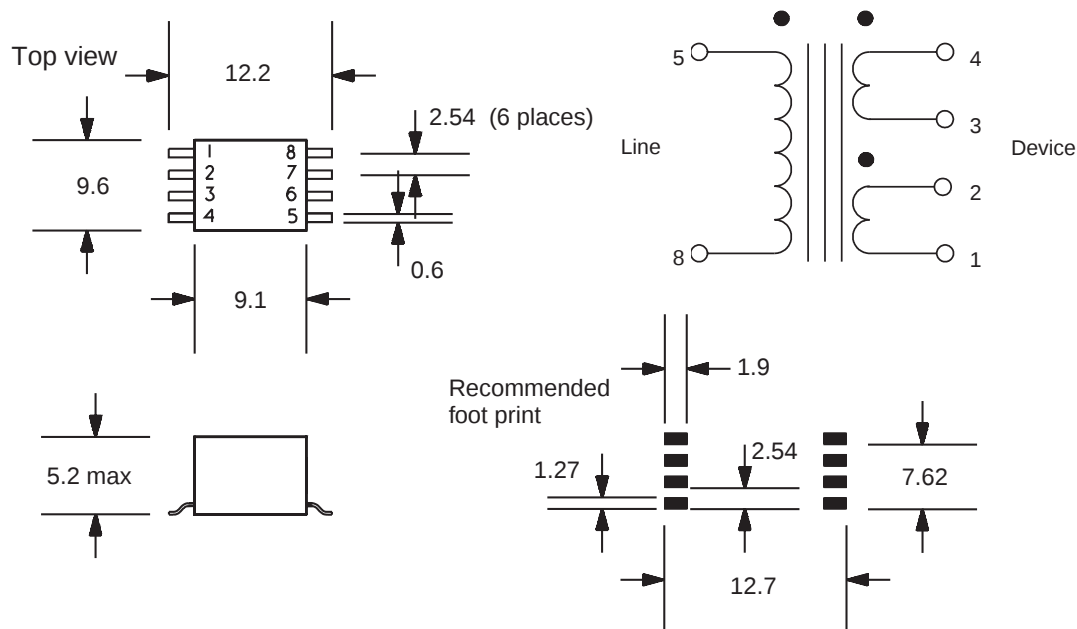
- Level-One LXT304A, 305A

Typical applications are:

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



MECHANICAL



ELECTRICAL SPECIFICATION

			TEW5914	-1	-2	-3
			T1	CEPT	CEPT	DSX-1
Line Impedance			100 Ω	75 Ω	120 Ω	100 Ω
DCR	(Ohms)	(1-2) + (3-4) (5-8)				
Inductance	(mH)	(5-8)	> 1.5	> 1.2	> 1.8	> 1.2
Leakage Ind.	(μ H)	(5-8)	< 1.0	< 1.0	< 1.0	< 1.0
Turns Ratio		(1-2) + (3-4) : (5-8)	1 : 1.16	1 : 1	1 : 1.26	1 : 2.3
Longitudinal Bal.	(dB)	50 - 1.544KHz	> 40	> 40	> 40	> 40
Pulse Shape			T1	CEPT	CEPT	T1
Dielectric Strength	(Vrms)		1500	1500	1500	1500

TEW5914
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