

ISDN S-Bus

Input/Output Transformer

TEW5374

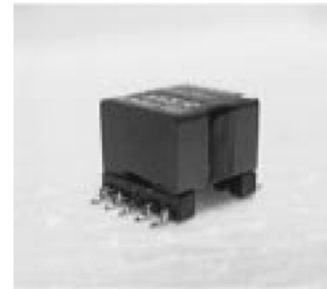
TEW5374 is a surface mount transformer, designed to comply with the requirements of an input/output transformer in the ISDN S-Bus Interface.

TEW5374 complies with the requirements of CCITT I.430.

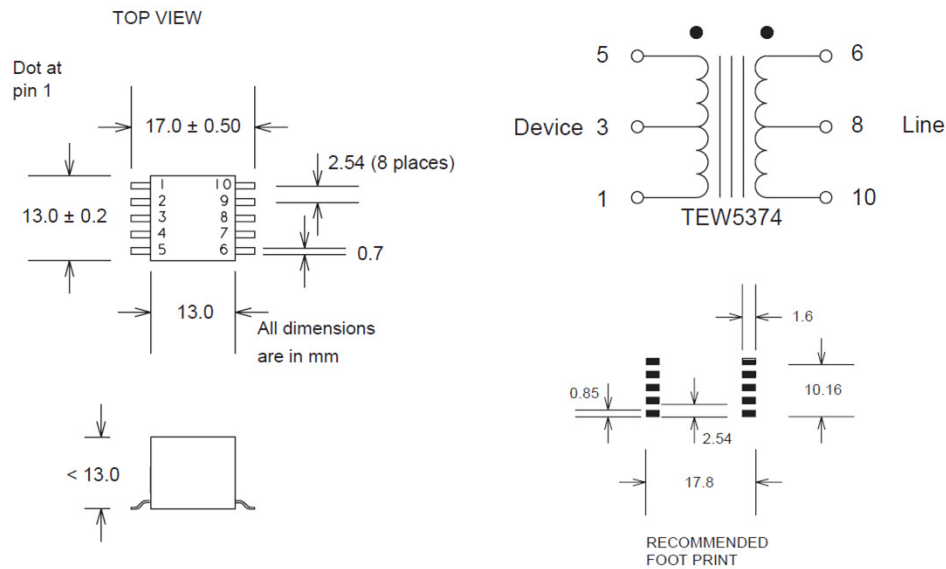
- SMD
- Wide temperature range

It has been designed and approved for the following devices:

TEW5374	Siemens	PEB2080 PEB2081 PEB2085
	AMD	79C30A
	National	TP3420
TEW5374-1	Intel	29C53
TEW5374-2	Motorola	MC145474 MC145475



MECHANICAL



ELECTRICAL

			TEW5374	TEW5374-1	TEW5374-2
DCR	(Ohms)	(1-5)	6.1	5.1	2.8
		(6-10)	3.1	2.8	2.8
Inductance	(mH)	(6-10)	> 22	> 22	> 22
Leakage Ind.	(μ H)	(6-10)	< 6	< 6	< 6
Turns Ratio		(6-10):(1-5)	1 : 2	1 : 1.8	1 : 1
Longitudinal Bal.	(dB)	10 - 300 KHz	> 54	> 54	> 54
Input/Output Impedance			Conforms to the impedance mask given in I.430.		
Pulse Shape			Conforms to the pulse masks given in I.430		
Dielectric Strength	(Vrms)		1500	1500	1500
Temperature	Operating	-20° to 70° C			
	Storage	-40° to 85° C			