

ISDN S-Bus

Input/Output Transformer

TEW5995

TEW5995 is a surface mount transformer, designed to comply with the requirements of an input/output transformer in the ISDN S-Bus Interface. TEW5995 complies with the requirements of CCITT I.430.

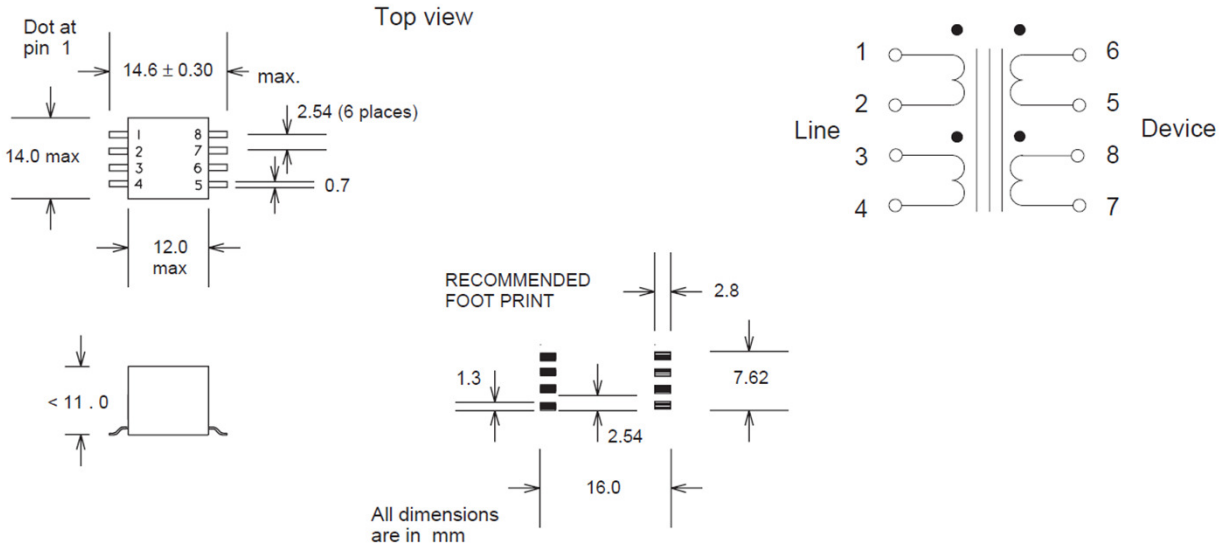
It has been designed and approved for the following devices:



TEW5995	
AMD	.....79C30A
Mitel	.....MT8930A, - B, - C
	.....MT8931B, - C
National	.....TP3420
Siemens	.....PEB2080, PEB2081
	.....PEB2085, PEB2086
Cologne	.....HFC-SP

TEW5995-1	
Intel	.....29C53
TEW5995-2	
Motorola	.....MC145474, MC145475
TEW5995-3	
Motorola	.....MC145574

Mechanical and Schematic



ELECTRICAL SPECIFICATION		TEW5995	-1	-2	-3
DCR	(Ohms)	(1 - 4) 3.4 (6 - 7) 7.0	3.4	3.4	4.4
Inductance	(mH)	(1 - 4) > 22	> 22	> 22	> 22
Leakage Ind.	(mH)	(1 - 4) < 12	< 12	< 12	< 12
TurnsRatio		(1 - 4) : (6 - 7) 1 : 2	1 : 1.8	1 : 1	1 : 2.5
Longitudinal Bal. *	(dB)	10 - 300 KHZ > 65	> 65	> 65	> 65
Input/Output Impedance		Conforms to the impedance mask in I.430			
Pulse Shape		Conforms to the pulse mask in I.430			
Dielectric Strength	(Vrms)	1500	1500	1500	1500

* Does not meet the I.430 L.C.L. requirements with the Mitel devices.