

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

AMD79C30A
MitelMT8930A- B, - C
.....	.MT8931B, - C
NationalTP3420
SiemensPEB2080, PEB2081
.....	.PEB2085, PEB2086
CologneHFC-SP

TEW5995-1

Intel29C53

TEW5995-2

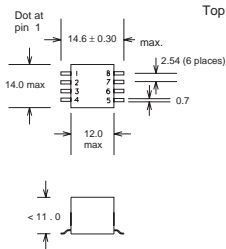
MotorolaMC145474, MC145475

TEW5995-3

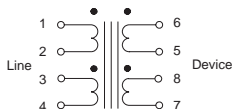
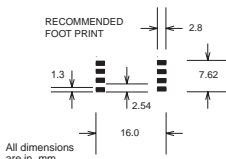
MotorolaMC145574



Mechanical and Schematic



Top view



ELECTRICAL SPECIFICATION

TEW5995

-1

-2

-3

DCR	(Ohms)	(1 - 4)	3.4	3.4	3.4	4.4
		(6 - 7)	7.0	6.3	3.7	17.7
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.