

CEPT/T1

Input/Output Transformer

TEW5769

TEW5769 is designed to be used as an INPUT/OUTPUT transformer in the ISDN primary rate access network for the following devices:

Dallas DS2151Q
DS2153Q

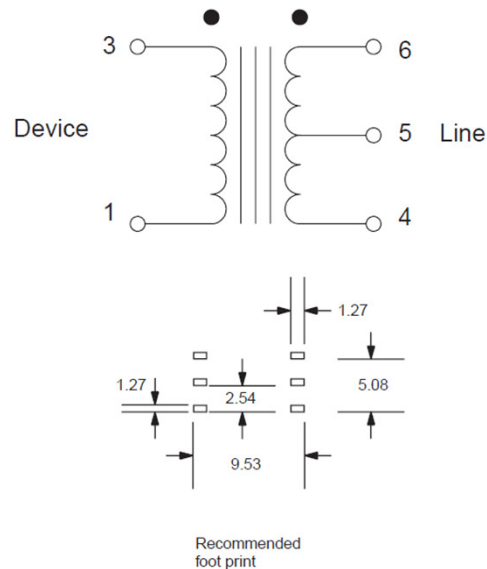
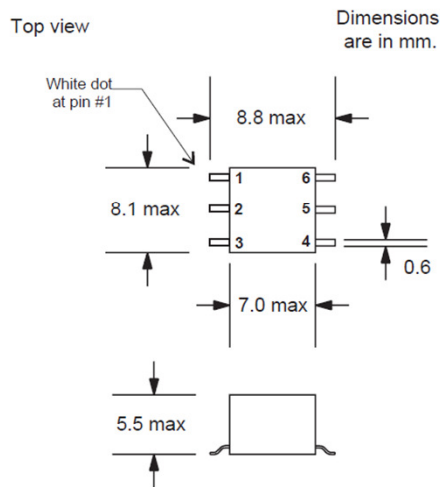
Typical applications are:

- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital Trunks.
- TDM Multiplexers.



TEW5769 exceeds the requirements of:
ITU G.703, ETS 300 011, BS6328
and ANSI T1.408.

MECHANICAL



ELECTRICAL SPECIFICATION

TEW5769

Line Impedance	(4 - 5)	75,100 or 120 Ω	
Turns ratio	(4 - 6) : (1 - 3) (4 - 5) : (1 - 3)	1.15 : 1 1 : 1	
Inductance	(4 - 5)	> 1.8 mH	
Leakage Ind.	(4 - 5)	< 0.6 μ H	
Return Loss	50 - 102 KHz 100 - 2048 KHz 2048 - 3072 KHz 100 - 1000 KHz	>12dB (>15dB) >18dB (>20dB) >14dB (>20dB) > 26 dB	ETS 300 011 / G.703 (BS6328) ETS 300 011 / G.703 (BS6328) ETS 300 011 / G.703 (BS6328) T1.408
Dielectric Strength		1500 V rms	