

CEPT

Matching Transformer

TEW5532

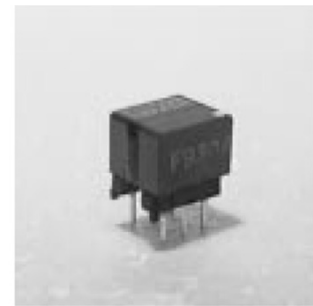
TEW5532 is specifically designed to match a 120 Ω twisted pair to a 75 Ω coaxial line in the CEPT trunk.

Features:

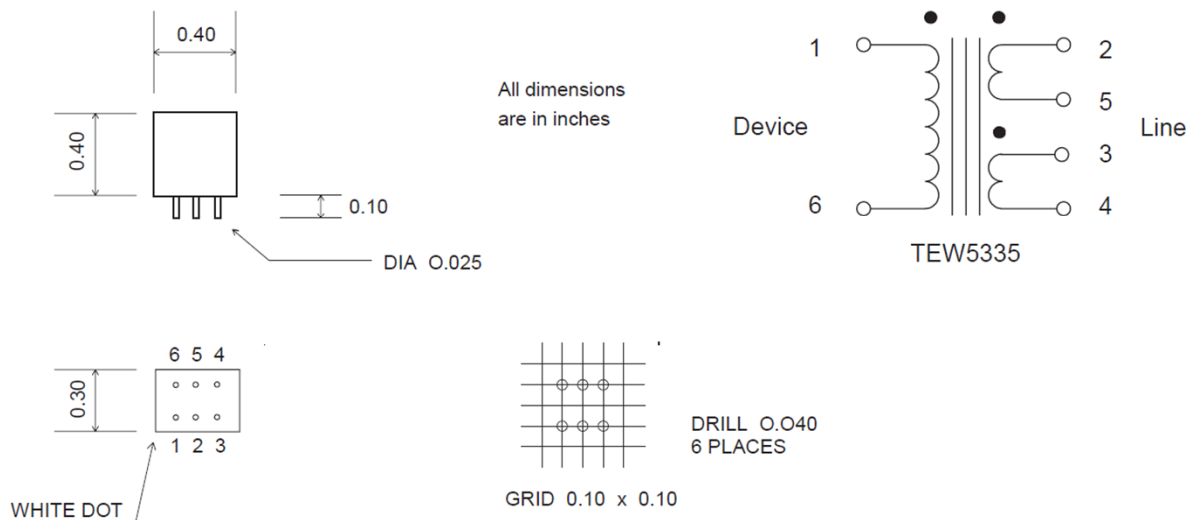
- Small size
- Low cost

Applications:

- Digital subscriber lines.
- High speed data transmission over twisted wire.
- Digital PABX line cards and telephone sets.



MECHANICAL



ELECTRICAL SPECIFICATION

TEW5532

ELECTRICAL SPECIFICATION		TEW5532	
Line Impedance	(Ω)	Pri Sec	(1 - 6) (2 - 4) 75 120
DCR	(Ω)		(1 - 6) (2 - 5) (3 - 4)
Inductance	(mH)		(1 - 6) > 0.7
Turns Ratio			(1 - 6) : (2 - 4) 1 : 1.272
Longitud. Bal.	(dB)	CCITT I.431	> 40 1000 KHz
ReturnLoss	(dB)	CCITT G.703	> 12 > 18 > 14 51 - 102 KHz 102 - 2048 KHz 2048-3072 KHz
Dielectric Strength	(V rms)		1500