

CEPT/T1

Output Transformer

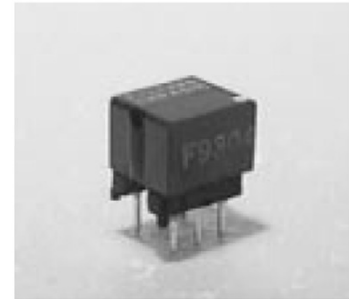
TEW5716

TEW5716 is designed to be used, as a transmit transformer in the ISDN primary rate access network interfacing the **Mitel MT89760/60B** and **MT89790/90B** devices.

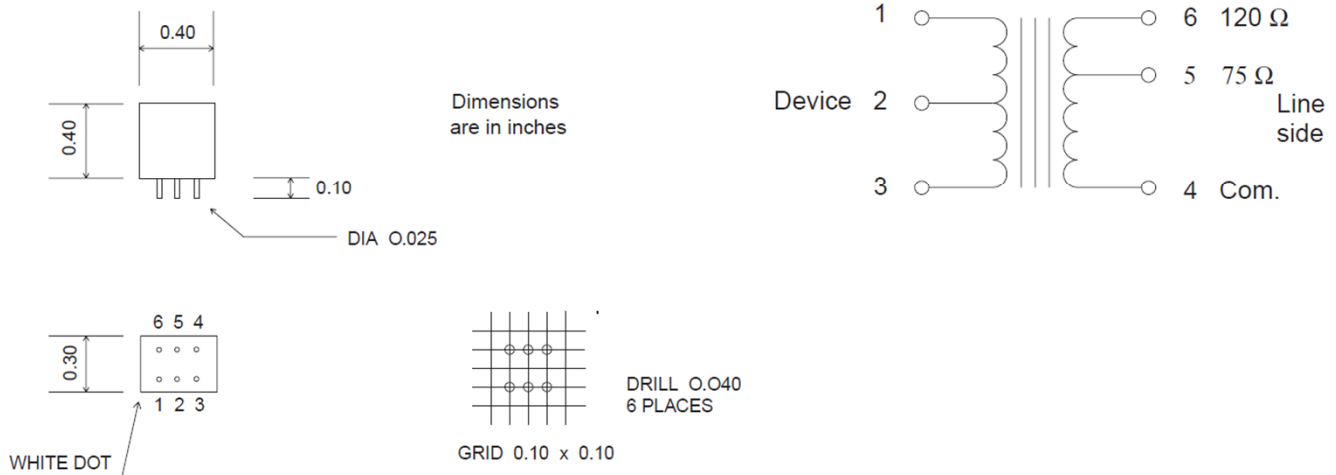
TEW5716-4 is designed for MT89790B when operating from a single 5V dc source.

Applications:

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



MECHANICAL



ELECTRICAL SPECIFICATION		TEW5716 -1	- 2	- 3	- 4
Application		T1/CEPT	CEPT	CEPT	CEPT
Line Impedance (Ω)	(4 - 6) (4 - 5)	100 or 120 —	75 —	120 75	120 75
Turns ratio	(1 - 2) : (2 - 3) : (4 - 6) (1 - 2) : (2 - 3) : (4 - 5)	1 : 1 : 0.5 —	1 : 1 : 0.4 —	1 : 1 : 0.5 1 : 1 : 0.4	1 : 1 : 1.37 1 : 1 : 1.12
Inductance (mH)	(4 - 6)	> 0.40	> 0.25	> 0.40	> 0.40
Pulse Mask		T1.408/G.703	G.703	G.703	G.703
Longitudinal Bal.		T1.408/ I.431	I.431	I.431	I.431
Dielectric Strength (V rms)		1500	1500	1500	1500
Device		MT89760/60B MT89790/90B	MT89790/90B	MT89790/90B	MT89790B
Operational Voltage (V dc)		+ 12	+ 12	+ 12	+ 5