

TEW4977 & -1 are designed and approved to be used as an Input transformer with the following devices.

Crystal CS61534, 61535, 61574, 6158, 61535A, 61574A, 61575, 6158A.
Level One LXT 300, 301, 305, 304A, 305A

Also as an Output transformer for:

Crystal CS61534, 61535, 61574 & 6158.

Level One LXT 300, 301, 305

TEW4977-2 is designed to be used as an Output transformer, and **TEW4977-3** as an Input trf. for:

Brooktree BT8069B device

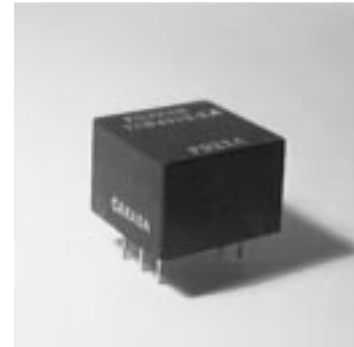
Fully encapsulated in epoxy.

Typical applications are:

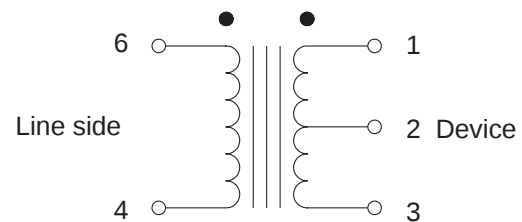
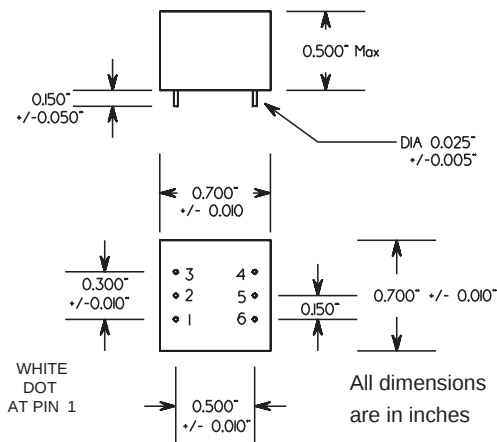
- Primary rate ISDN network nodes.
- PBX or computer to T1/CEPT Digital trunks.
- High speed data link using T1/CEPT Digital trunk.
- TDM Multiplexers.

BABT certified for reinforced insulation to **EN60950 & EN41003**

Cert # CR/T/0052



MECHANICAL



ELECTRICAL SPECIFICATION			TEW4977	-1	-2	-3	-4
Line Impedance	(Ohms)		75, 100 & 120	75	75, 100 & 120	75, 100 & 120	75 & 120
DCR	(Ohms)	(1 - 3)	1.15 nom.	1.6	0.7 nom	0.7 nom	1.2 nom
		(6 - 4)	0.60 nom.	0.8	1.2 nom	0.7 nom	0.7 nom
Turns ratio		(6 - 4) : (1 - 3)	1 : 2 c.t.	1 : 2 c.t.	2 : 1 c.t.	1 : 1	1 : 2
		(6 : 4) : (1 - 2)	—	—	—	—	1 : 1.58
Inductance	(mH)	(6 - 4)	> 1.2	> 0.8	> 4.8	> 1.2	> 1.2
Longitud. Bal.			T1.408 I.431	I.431	T1.408 I.431	T1.408 I.431	I.431
Return Loss			T1.40 G.703	G.703 BS6328	n/a	G.703	G.703
Dielectric Strength	(Vrms)		4000	4000	4000	4000	4000