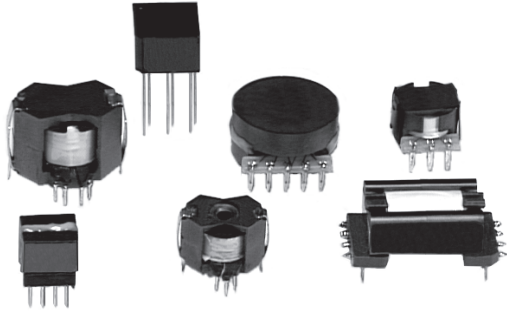


## ISDN Transformers



### FEATURES

- Integrated Services Digital Network transformers that provide isolation for the line card and terminal in conjunction with both "S/T" and "U" interfaces.
- Designed to meet the CCITT 1.430 pulse wave form template requirements.
- Isolation voltage levels available for U.S. and international applications.
- Printed circuit board mountable in both through-hole and surface mount packages.
- Standard and custom configurations available.
- PT-100 series used for "S/T" interfaces.
- PT-200 series used for "U" interfaces.

### STANDARD ELECTRICAL SPECIFICATIONS

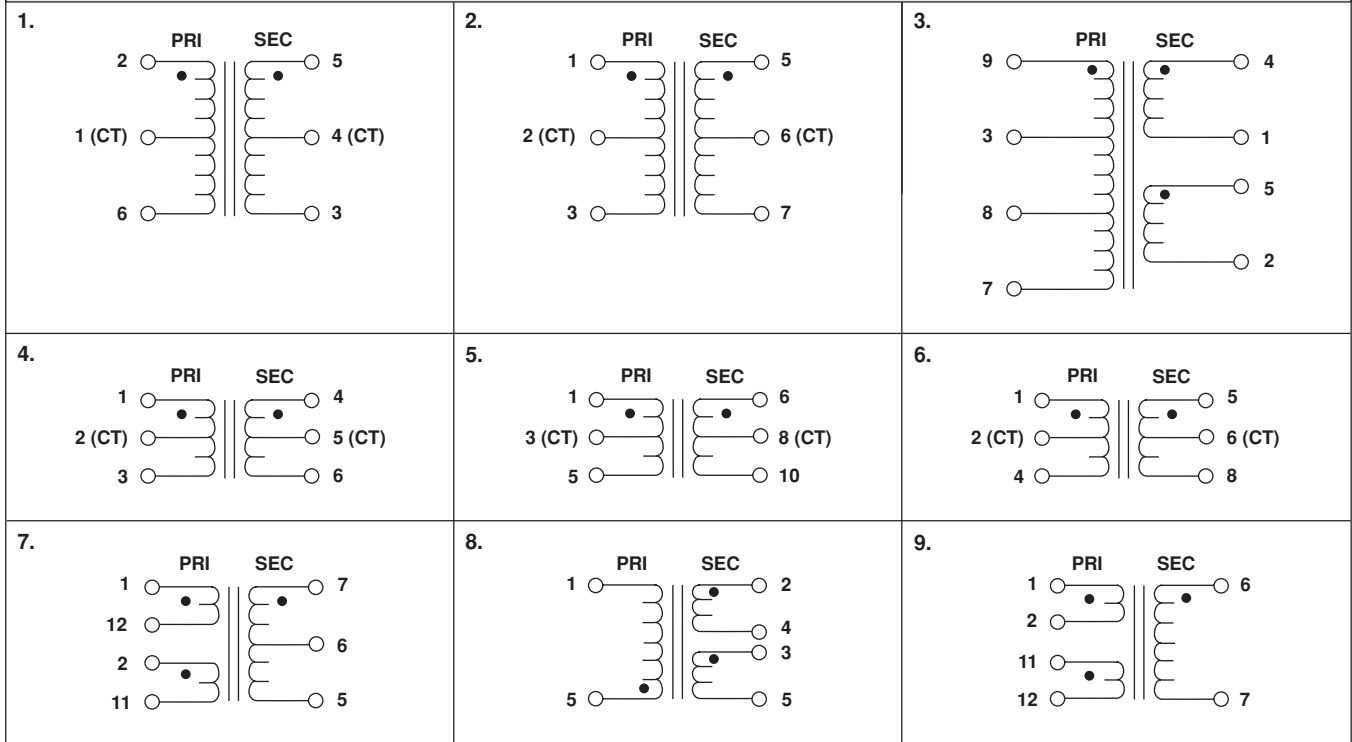
MODEL	TURNS RATIO	PRIMARY INDUCTANCE MIN. (mH)	PRIMARY DCR MAX. (Ohms)	SECONDARY DCR MAX. (Ohms)	LEAKAGE INDUCTANCE MAX. (μH)	PRIMARY/SECONDARY HIPOT (V RMS)	STYLE NUMBER	SCHEMATIC NUMBER
PT-100-01	1 CT : 2 CT	20	1.2	11.0	30	1500	1	1
PT-100-02	1 CT : 2 CT	20	1.2	11.0	30	1500	2	2
PT-100-04	1 CT : 2 CT	20	3.0	4.5	15	1500	4	4
PT-100-05	1 CT : 2.5 CT	22	2.8	6.5	20	1500	1	1
PT-100-06	1 CT : 1 CT	22	2.8	2.8	10	1500	5	6
PT-100-08	1 CT : 1.8 CT	22	2.8	5.5	20	1500	1	1
PT-100-09	1 CT : 2 CT	22	8.0	15.0	30	1500	7	5
PT-100-012	1 CT : 2 CT	22	2.8	5.5	10	2000	9	4
PT-200-01	2.5 : 1	72	8.5	2.0	160	1100	3	3
PT-200-02	2 : 1 CT	25	11.0	3.5	20	1100	6	7
PT-200-03	2 : 1	30	2.3	2.0	200	1100	8	8
PT-200-08	1.6 : 1	13	3.0	3.0	55	2000	6	9

### TRANSFORMER CROSS REFERENCE FOR TRANSCEIVER CHIPS

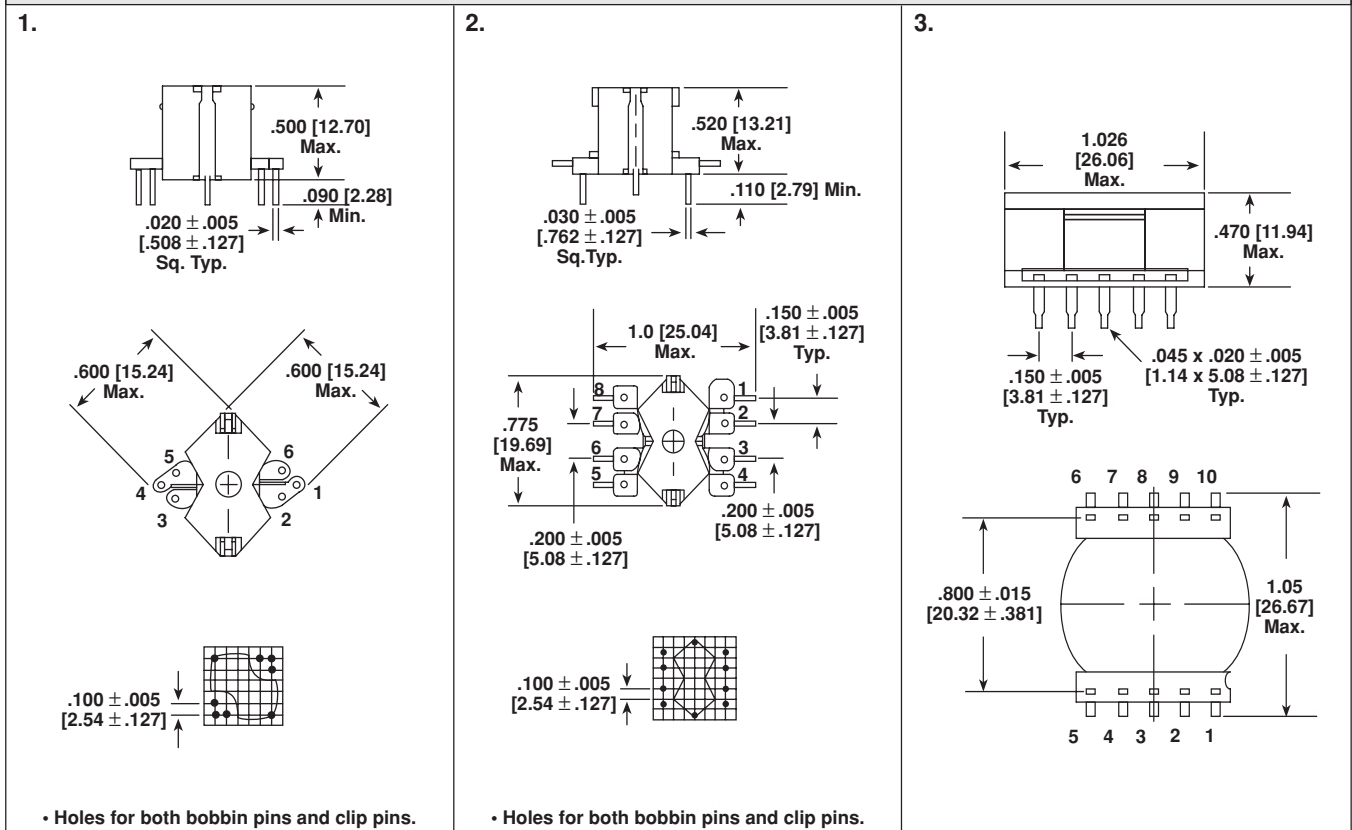
MODEL	TURNS RATIO	IC MANUFACTURER	IC PART NUMBER
PT-100-01	1 CT : 2 CT	SIEMENS	PEB2080/2085/2081
PT-100-02	1 CT : 2 CT	SIEMENS	PEB2080/2085/2081
PT-100-04	1 CT : 2 CT	AMD	79C30A
		MITEL	MT8930
		NATIONAL	TP3420
PT-100-05	1 CT : 2.5 CT	INTEL	29C53
		AT&T	T7250/T7252
PT-100-06	1 CT : 1 CT	MOTOROLA	MC145474
			MC145475
PT-100-08	1 CT : 1.8 CT	INTEL	29C53
PT-100-09	1 CT : 2 CT	SIEMENS	PEB2080/2085
		AMD	79C30A
		MITEL	MT8930
		NATIONAL	TP3420
PT-100-012*	1 CT : 2 CT	SIEMENS	PEB2080/2085/2081
		AMD	79C30A
		MITEL	MT8930
		NATIONAL	TP3420
PT-200-01	2.5 : 1	AT&T	T7262/T7263
PT-200-02	2 : 1 CT	MOTOROLA	MC145472
PT-200-03	2 : 1	MITEL	MT8972
PT-200-08*	1.6 : 1**	SIEMENS	PEB2091

\*Hipot voltage will meet international safety standards. \*\*Low profile.

## SCHEMATICS

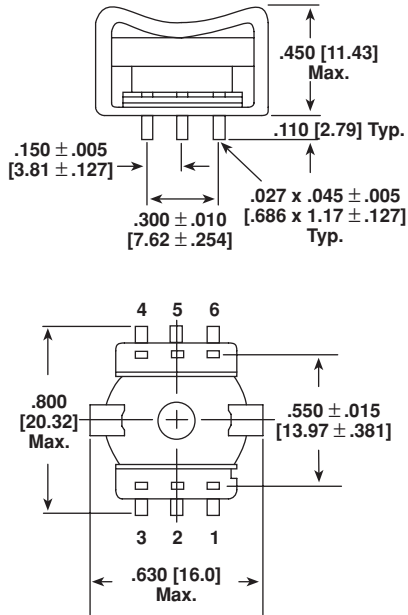


## DIMENSIONAL CONFIGURATIONS

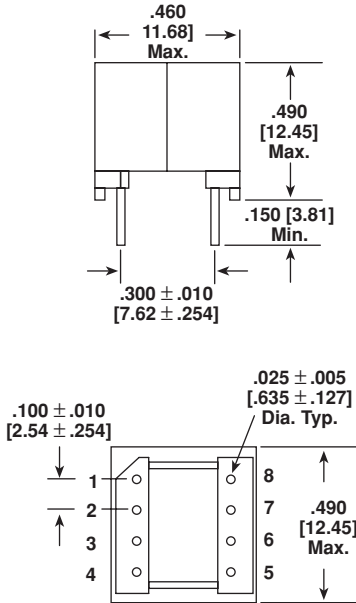


## DIMENSIONAL CONFIGURATIONS

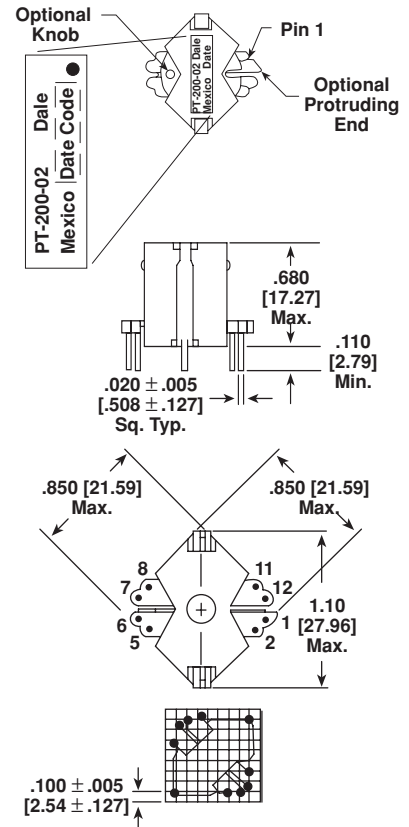
4.



5.

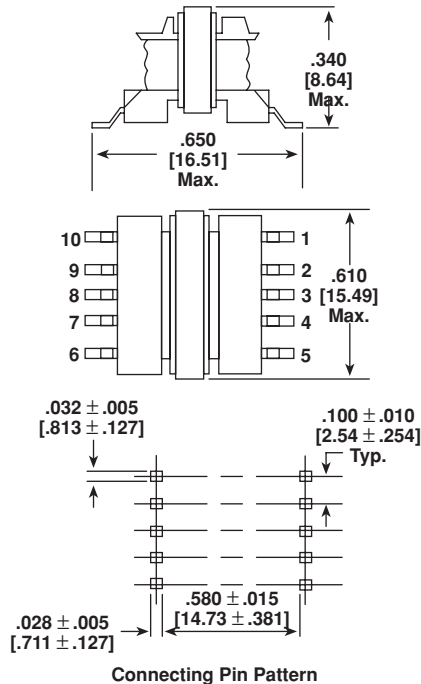


6.



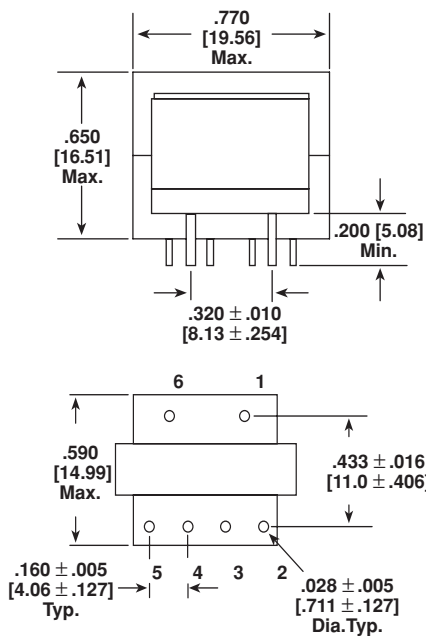
• Holes for both bobbin pins and clip pins.

7.

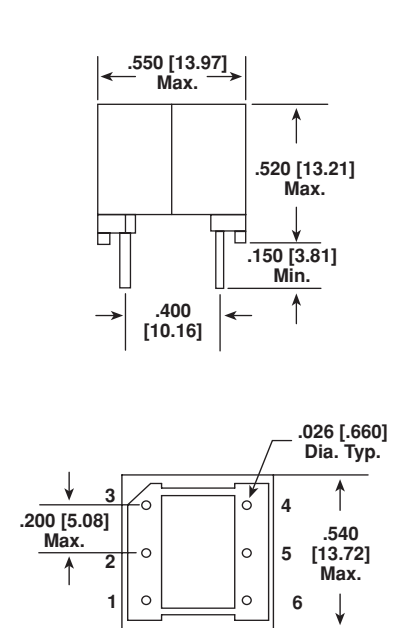


Connecting Pin Pattern

8.



9.





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