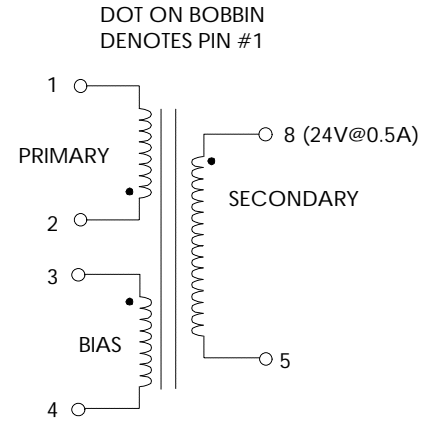


TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C
SWITCHING TRANSFORMER DESIGNED FOR USE WITH TOP243

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
PRIMARY INDUCTANCE (2-1) FREQ. = 100 KHZ @ 0.250Vrms	520	580	640	μHY
TURNRATIO'S: SEC (8-5) : PRIMARY (2-1) BIAS (3-4) : PRIMARY (2-1)	-----	1:5.5 1:8.25	-----	± 3% ± 3%
PRI LEAKAGE IND. (SEC'S SHORTED) FREQ. = 100 KHZ @ 0.250Vrms	-----	-----	25	μHY
HIPOT: PRIMARY TO SECONDARY	3000	-----	-----	Vrms
SECONDARY TO BIAS	3000	-----	-----	Vrms
PRIMARY TO BIAS	300	-----	-----	Vrms

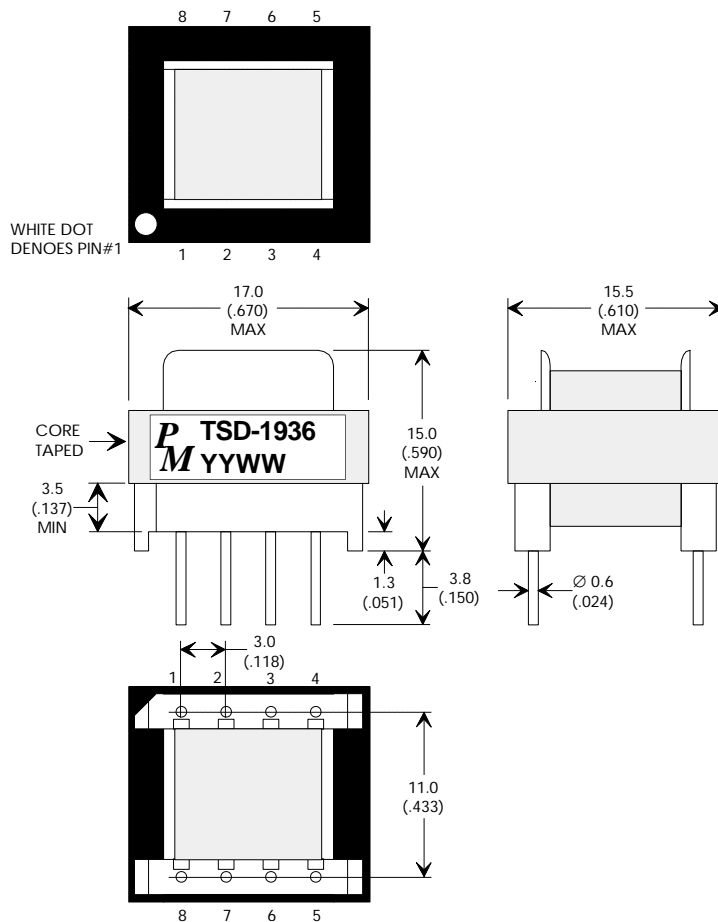
FIGURE 1: SCHEMATIC DIAGRAM



NOTE1:

- A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS
- B) TRIPLE BASIC INSULATED SECONDARY.
- C) DESIGNED TO MEET ≥6.2mm CREEPAGE REQUIREMENTS BETWEEN PRI & SEC.
- D) VARNISH FINISHED ASSEMBLY.

FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)



REV.	DESCRIPTION OF CHANGES	BY
11/13/03	ORIGINAL RELEASE	PP
11/24/03	UPDATED RELEASE	LL



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.X ± .25 ± 0° 30'
.XX ± .15
DO NOT SCALE DRAWING

TRANSFORMER CONTROL DRAWING	
PREMIER P/N: TSD-1936	REVISION: 11/24/03
ENGR: PETER PHAM	REF: TOP 243
SCALE: NONE	SHEET: 1 OF 3