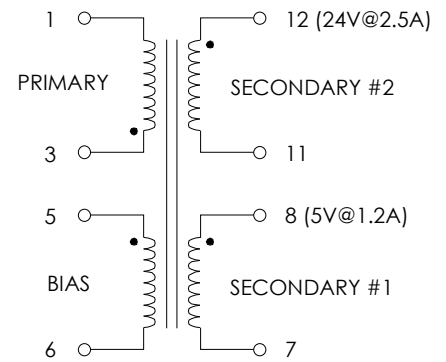


TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
PRIMARY INDUCTANCE (3-1) 0.250Vrms @ 100 KHZ	230	250	280	μHY
TURN RATIO'S: SEC #1 (8-7) : PRIMARY (3-1) SEC #2 (12-11) : PRIMARY (3-1) BIAS (5-6) : PRIMARY (3-1)	-----	1: 16.5 1: 3.66 1: 6.6	-----	± 4% ± 4% ± 4%
PRI LEAKAGE IND. (SEC SHORTED) 0.250Vrms @ 100 KHZ	-----	-----	15.0	μHY
HIPOT: PRIMARY & BIAS TO SECONDARIES PRIMARY TO BIAS	3000 600	----- -----	----- -----	Vrms Vrms
APP CIRCUIT PARAMETERS: (1) AC INPUT LINE VOLTAGE 47/400 Hz SEC #1 OUTPUT VOLTAGE SEC #1 OUTPUT CURRENT SEC #2 OUTPUT VOLTAGE SEC #2 OUTPUT CURRENT	85 0.200 0.200	----- 5.0 24.0 -----	265 1.400 2.6	Vac Vdc Amps Vdc Amps

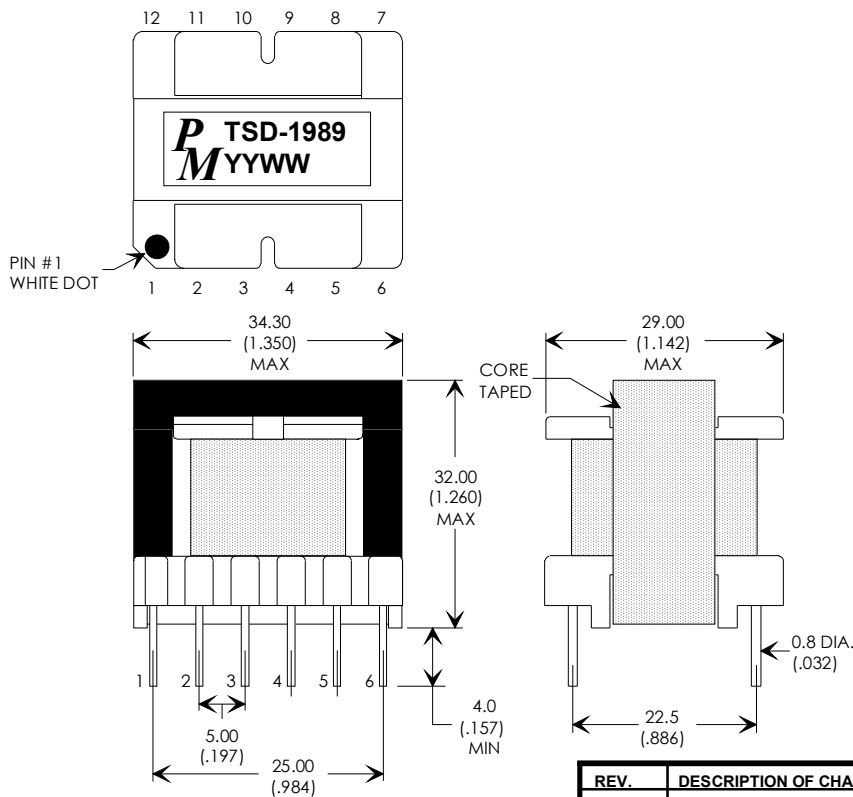
FIGURE 1: SCHEMATIC DIAGRAM



NOTE1:

- A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS.
- B) ALL MATERIAL RATED 130C OR BETTER.
- C) TRIPLE BASIC INSULATED SECONDARY.
- D) DESIGNED TO MEET ≥6.2mm CREEPAGE REQUIREMENTS.
- E) VARNISH FINISHED ASSEMBLY.

FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)



REV.	DESCRIPTION OF CHANGES	BY
05/05/04	NEW RELEASE	PP



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

FLYBACK TRANSFORMER CONTROL DRAWING

PREMIER P/N: TSD-1989	REVISION: 05/05/04
DRAWN BY: PETER PHAM	REF: TOP246Y
SCALE: NONE	SHEET: 1 OF 1