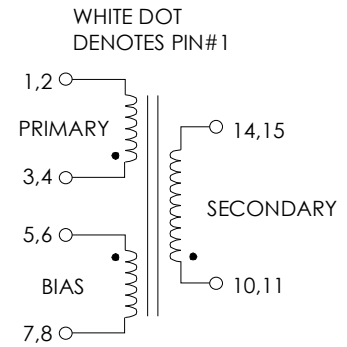


**TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C**

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
PRIMARY INDUCTANCE VOLTAGE = 0,250Vrms FREQUENCY = 100 KHZ	250	270	290	μHY
TURN RATIO'S: SEC (10,11-14,15) : PRI (3,4 - 1,2) BIAS (5,6 - 7,8) : PRI (3,4 - 1,2)	-----	1 : 2.57 1 : 7.2	-----	± 4% ± 4%
PRI LEAKAGE INDUCTANCE 100 KHz, 250mV, TIE SEC'S	-----	-----	10	μHY
HIPOT: PRI & BIAS TO SECONDARY PRI TO BIAS	3000 600	----- -----	----- -----	Vrms Vrms

**FIGURE 1: SCHEMATIC DIAGRAM**

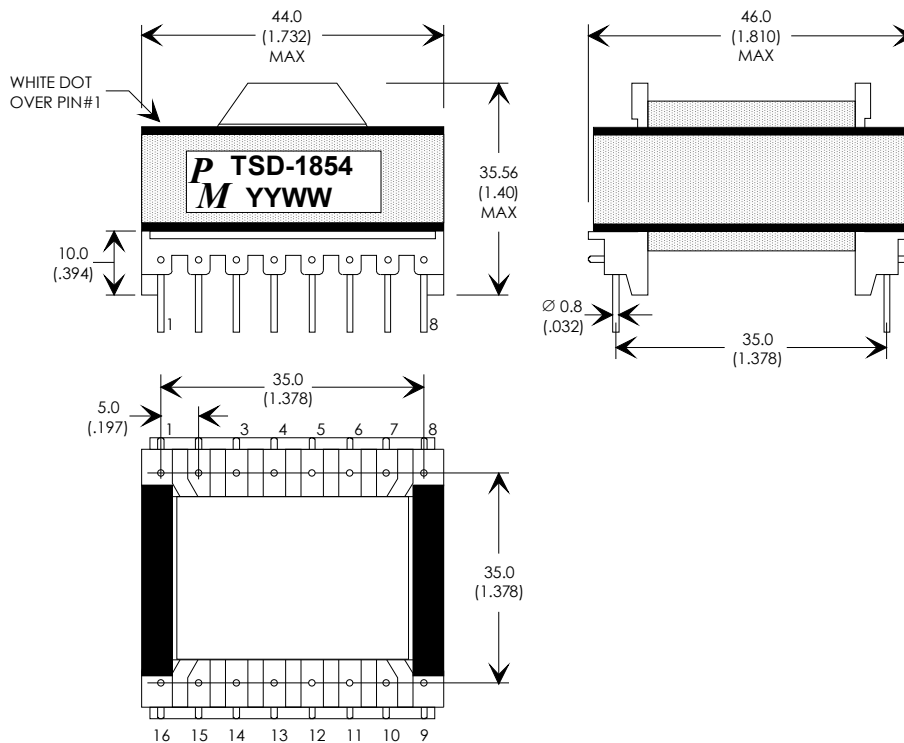


PRI, BIAS & SECONDARY PINS# 1-2, 3-4, 5-6, 7-8, 10-11, 14-15 MUST BE RESPECTIVELY CONNECTED TOGETHER FOR PROPER OPERATION.

**NOTE1:**

- A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS
- B) ALL MATERIAL RATED 130C OR BETTER.
- C) DESIGNED TO MEET ≥6.5mm CREEPAGE REQUIREMENTS.
- D) VARNISH FINISHED ASSEMBLY.

**FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)**



REV.	DESCRIPTION OF CHANGES	BY
05/07/03	ORIGINAL RELEASE	PP
06/03/03	RE-DESIGN TO MEET 1.5" HT	PP
07/18/03	CORRECT WINDING INSTRUCTION	PP
08/05/03	UPDATED RELEASE	LL
09/18/07	ADD STEP 8 FOR TAPE	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-1854	REVISION: 09/18/07
DRAWN BY: PETER PHAM	REF: TOP 250
SCALE: NONE	SHEET: 1 OF 1