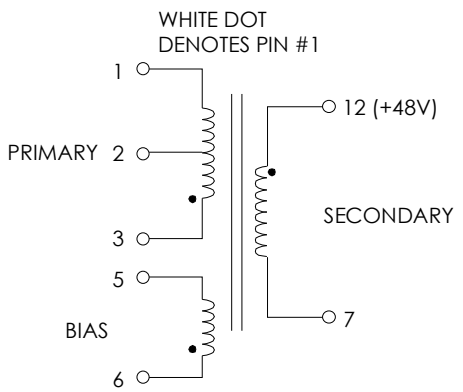
TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C
SWITCHING TRANSFORMER DESIGNED FOR USE WITH TOP 246

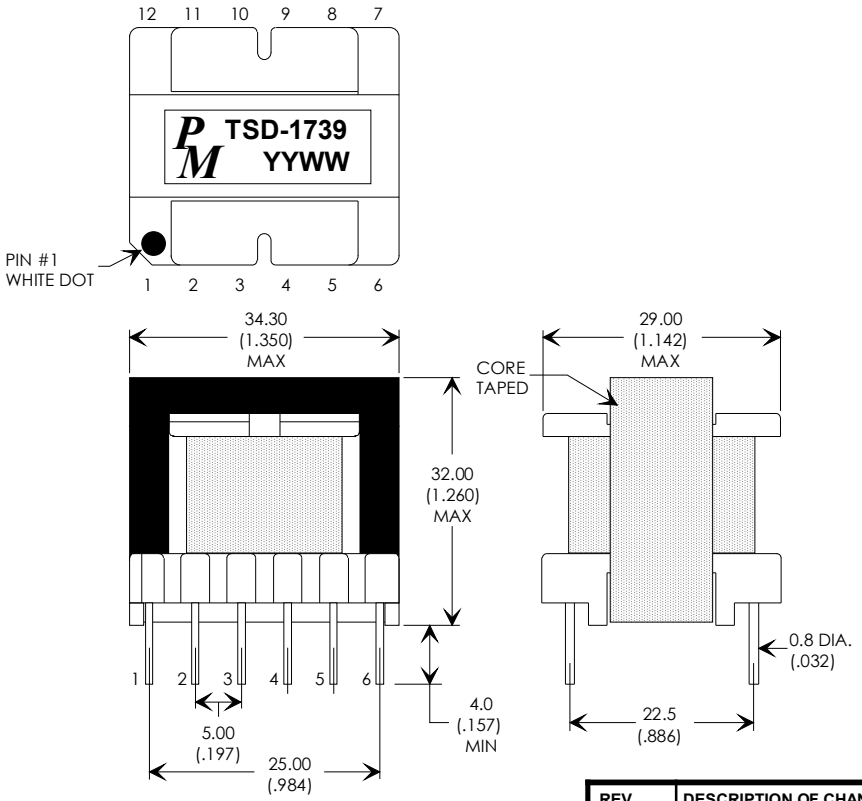
PARAMETER	SPEC LIMITS MIN.	TYP.	MAX.	UNITS
PRIMARY INDUCTANCE (3-1) 0.250Vrms @ 100 KHZ	495	550	605	µHY
TURN RATIO'S:				
SEC. (12-7) : PRIMARY (3-1)	--------	1:3.82	--------	± 3%
BIAS (6-5) : PRIMARY (3-1)	--------	1:10.5	--------	± 3%
PRI-LEAKAGE-IND (SEC'S SHORTED)	--------	--------	10.0	µHY
HI-POT:				
SECONDARY TO PRIMARY	4000	--------	--------	Vrms
SECONDARY TO BIAS	4000	--------	--------	Vrms
BIAS TO PRIMARY	1500	--------	--------	Vrms
APP CIRCUIT PARAMETERS: Fsw	--------	132	--------	KHz
AC INPUT	200	240	265	Vdc
SECONDARY IS REGULATED:				
OUTPUT VOLTAGE	--------	48.0	--------	Vdc
OUTPUT CURRENT CONTINUOUS	--------	2.0	--------	Amps
BIAS OUTPUT VOLTAGE	--------	15	--------	Vdc
BIAS OUTPUT CURRENT	--------	--------	50	mA

FIGURE 1: SCHEMATIC DIAGRAM



NOTE1:
REINFORCED INSULATION SYSTEM (UL1950, IEC950):
A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS
B) 130°C REINFORCED INSULATION SYSTEM.
C) TRIPLE BASIC INSULATED SECONDARY.
D) DESIGNED FOR >6.2mm CREEPAGE/CLEARANCE.
E) VARNISH FINISHED ASSEMBLY.

FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)



REV.	DESCRIPTION OF CHANGES	BY
02/07/02	ORIGINAL RELEASE	LL
03/11/02	UPDATED RELEASE	LL

premier magnetics
innovators in magnetics technology

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-1739	REVISION: 03/11/02
DRAWN BY: LINH LE	REF: TOP 246
SCALE: NONE	SHEET: 1 OF 1