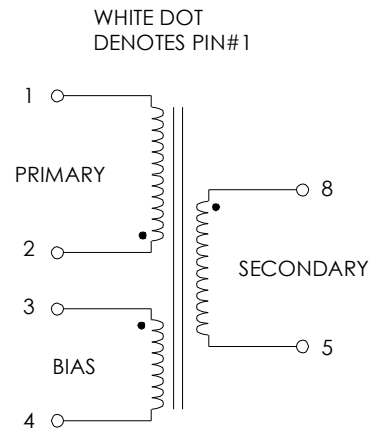


TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

| PARAMETER | SPEC LIMITS | | | UNITS |
|--|-------------|----------------|----------------|--------------|
| | MIN. | TYP. | MAX. | |
| PRIMARY INDUCTANCE (2-1) VOLTAGE = 0.250Vrms FREQUENCY = 100 KHZ | 560 | 617 | 660 | μHY |
| TURN RATIO'S: SEC (8-5) : PRIMARY (2-1) | ----- | 1 : 1.38 | ----- | ±2% |
| BIAS (3-4) : PRIMARY (2-1) | ----- | 1 : 6.7 | ----- | ±2% |
| PRI LEAKAGE IND. (SEC SHORTED) VOLTAGE = 0.250Vrms FREQUENCY = 100 KHZ | ----- | ----- | 12 | μHY |
| HIPOT: PRI & BIAS TO SEC PRI TO BIAS | 1000 200 | ----- ----- | ----- ----- | Vrms Vrms |

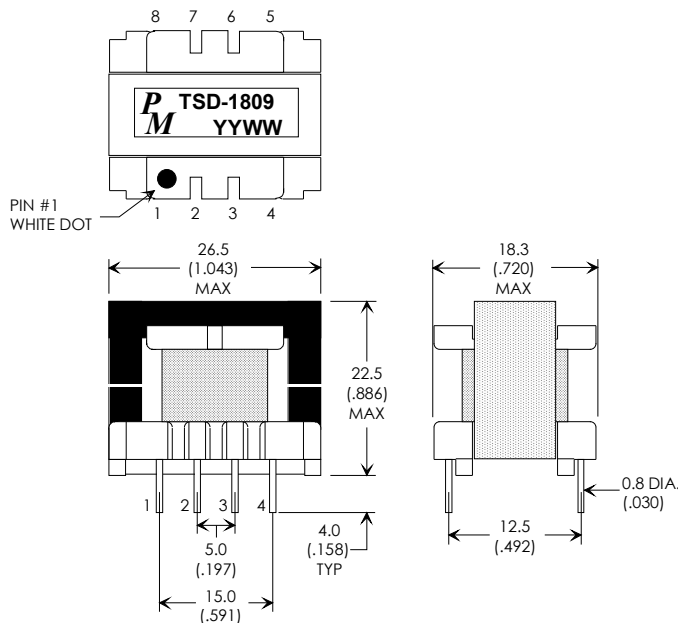
FIGURE 1: SCHEMATIC DIAGRAM



NOTE1:

- A) ALL MATERIALS MEET "UL", "CSA" & "IEC" REQUIREMENTS
- B) ALL MATERIAL RATED 130 °C OR BETTER.
- C) VARNISH FINISHED ASSEMBLY.

FIGURE 2: PHYSICAL DIMENSIONS mm (INCHES)



| REV. | DESCRIPTION OF CHANGES | BY |
|----------|------------------------|----|
| 11/26/02 | ORIGINAL RELEASE | PP |
| 02/20/03 | NEW DESIGN | PP |



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.XX ± .01 ± 5°
.XXX ± .005
DO NOT SCALE DRAWING

TRANSFORMER CONTROL DRAWING

| | |
|-----------------------|--------------------|
| PREMIER P/N: TSD-1809 | REVISION: 02/20/03 |
| DRAWN BY: PETER PHAM | REF: TOP 244, 25W |
| SCALE: NONE | SHEET: 1 OF 3 |