

TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
INDUCTANCE: V=0.4Vrms, F=100kHz 3-1	605.7	673	740.3	μH
LEAKAGE INDUCTANCE: V=0.4Vrms, F=100kHz 3-1 (SHORT 7-11)	---	---	12	μH
TURNSTRATIO: V=0.4Vrms, F=100kHz 3-1 : 4-5	---	16.67 : 1	---	±3%
3-1 : 8-7	---	16.67 : 1	---	±3%
3-1 : 11-9	---	2 : 1	---	±3%
HIPOT: 60Hz at 5mA for 1 second PINS 3,4 TO PINS 8,11	3000	---	---	Vrms

FIGURE 1: SCHEMATIC DIAGRAM

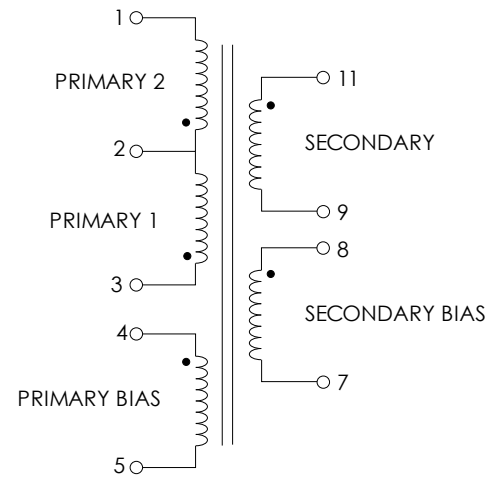
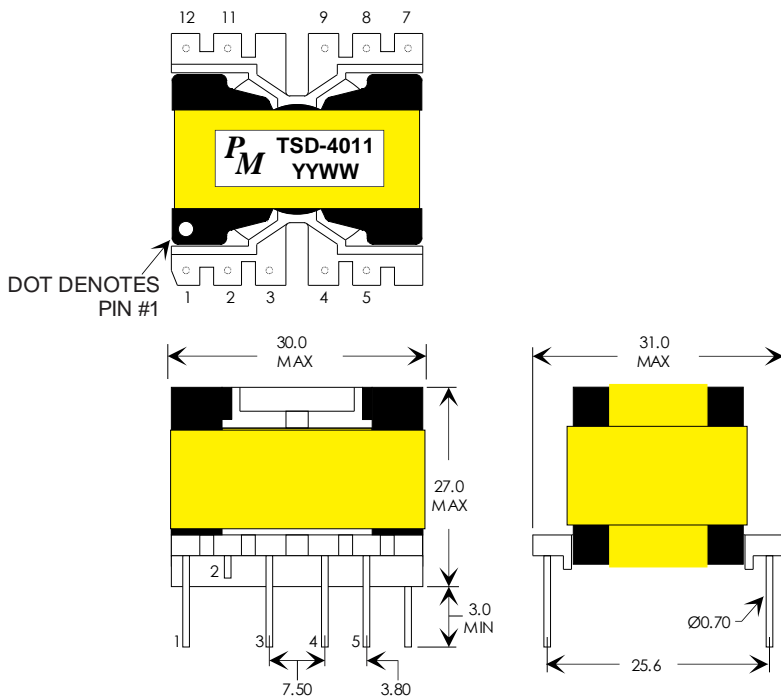


FIGURE 2: PHYSICAL DIMENSIONS IN mm



NOTES:

- 1) All materials comply with Insulation System Class F.
- 2) All units comply with the requirements of EU RoHS Directive.
- 3) All materials per Premier Magnetics UL file #E177139.
- 4) Remove pins 6 and 10.
- 5) Cut pin 2.

RoHS



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.X ±.5 ±0° 30'
.XX ±.30
DO NOT SCALE DRAWING

TRANSFORMER CONTROL DRAWING	
PREMIER P/N: TSD-4011	REVISION: 12/13/17
ENGR: RISHA PADILLA	REF: T1, DER-580, TOP267EG
APPROVED: PETER PHAM	SHEET: 1 OF 1