

TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
INDUCTANCE: V=0.4Vrms, F=100kHz 4-3	966.6	1074	1181.4	μH
LEAKAGE INDUCTANCE: V=0.4Vrms, F=100kHz 4-3 (SHORT PINS 7&10)	---	---	50	μH
TURNSRATIO: V=0.4Vrms, F=100kHz 4-3 : 5-3	---	2.11 : 1	---	±3%
4-3 : 2-1	---	6.67 : 1	---	±3%
4-3 : 7-10	---	20 : 1	---	±3%
4-3 : 6-9	---	16 : 1	---	±3%
HIPOT: 60Hz at 5mA for 1 second PINS 1-5 TO PINS 6-10	3000	---	---	Vrms

FIGURE 1: SCHEMATIC DIAGRAM

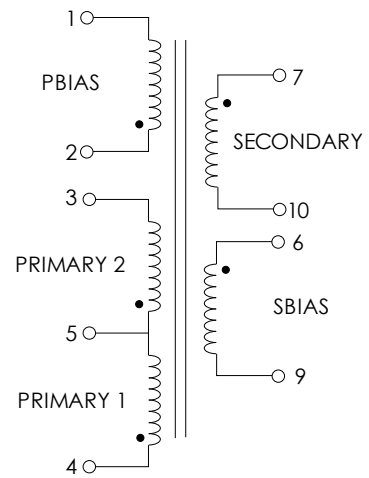
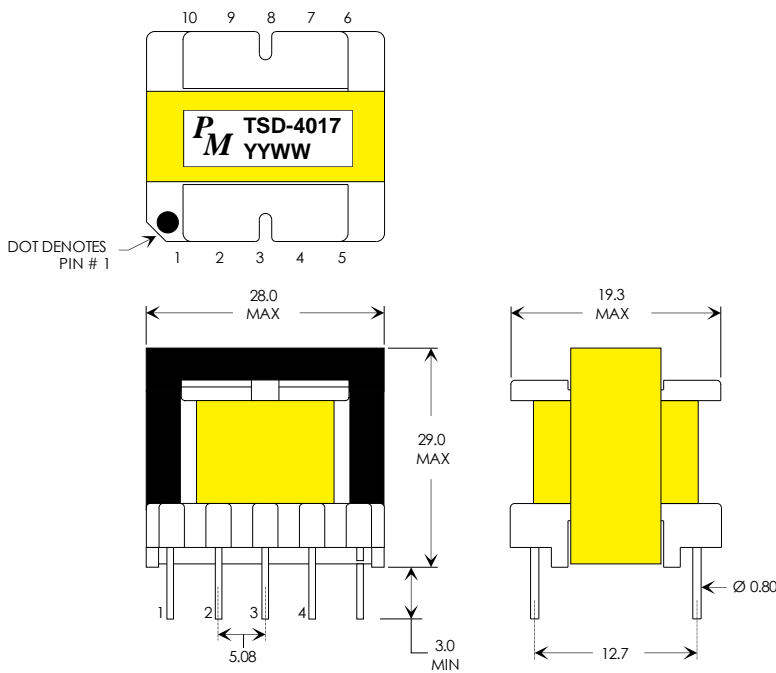


FIGURE 2: PHYSICAL DIMENSIONS IN mm



NOTES:

- 1) All materials comply with Insulation System Class B.
- 2) All units comply with the requirements of EU RoHS Directive.
- 3) All materials per Premier Magnetics UL file #E177139.

RoHS



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN mm
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.X ±.4 ± 0° 30'
.XX ±.30
DO NOT SCALE DRAWING

TRANSFORMER CONTROL DRAWING

PREMIER P/N: TSD-4017	REVISION: 08/14/17
ENGR: RISHA PADILLA	REF: T2, DER-484
APPROVED: PETER PHAM	SHEET: 1 OF 1