

TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
INDUCTANCE: V=1Vrms, F=100kHz 1-2	1.76	2.2	2.64	μH
INDUCTANCE DROP AT Isat: V=1Vrms, F=100kHz, Isat=6A 1-2	---	10	---	%
DCR: 1-2	---	---	12	mΩ

FIGURE 1: SCHEMATIC DIAGRAM

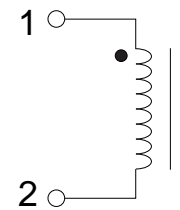
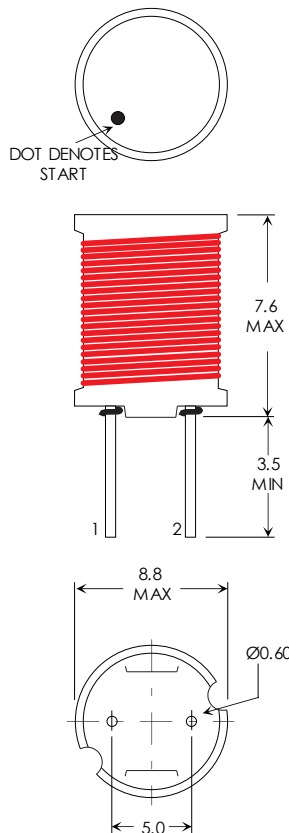


FIGURE 2: PHYSICAL DIMENSIONS IN mm



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.
- 4) Packaging marked with part number and date code.

P TSD-4015
M YYWW

RoHS



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

POWER INDUCTOR CONTROL DRAWING

PREMIER P/N: TSD-4015	REVISION: 08/28/17
ENGR: RISHA PADILLA	REF: L5, DER-484
APPROVED: PETER PHAM	SHEET: 1 OF 1