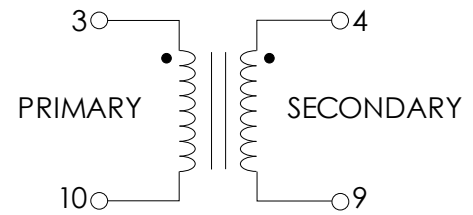


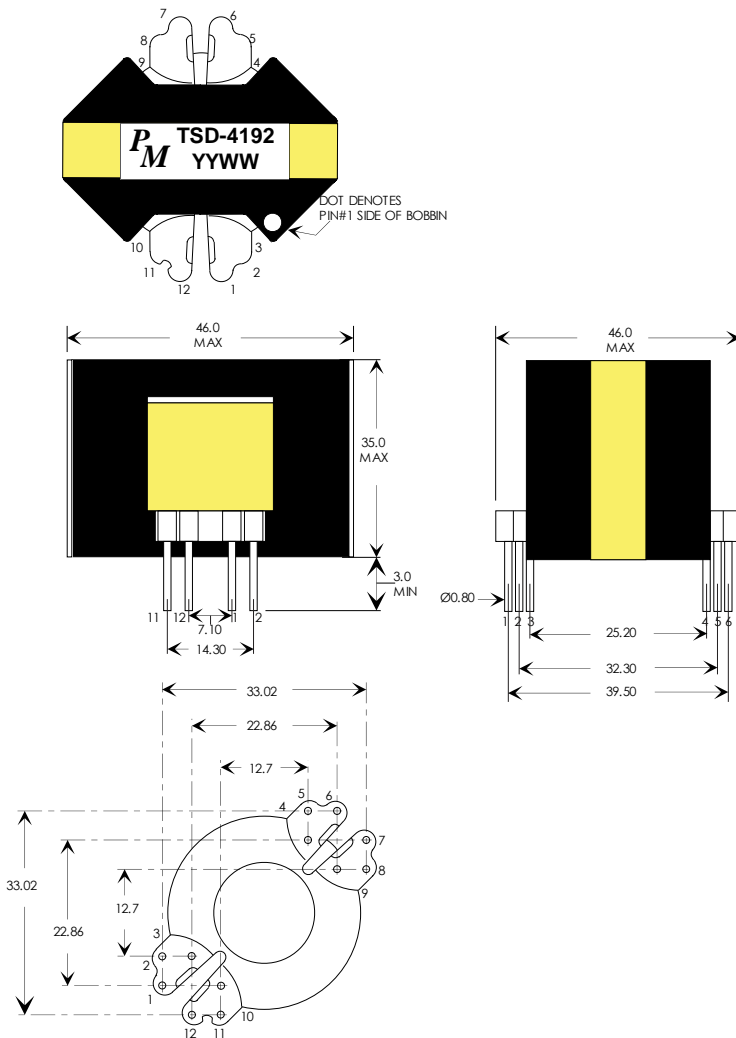
**TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C**

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
INDUCTANCE: V=250mVrms, F=10kHz 3-10	1.0	1.165	1.3	mH
TURNS RATIO: V=250mVrms, F=10kHz 3-10 : 4-9	---	11.44 : 1	---	±3%
HIPOT: 60Hz at 5mA for 1 second PRIMARY TO SECONDARY	500	---	---	Vrms
PRIMARY TO CORE	500	---	---	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

**PFC INDUCTOR CONTROL DRAWING**

PREMIER P/N: TSD-4192	REVISION: 07/03/18
ENGR: RISHA PADILLA	REF: 200W, 200V @ 0.5A
APPROVED: PETER PHAM	SHEET: 1 OF 1