

TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

- 1) COMMON MODE EMI/RFI FILTER.
- 2) PART IS REVERSIBLE. IT CAN BE INSERTED INTO PCB EITHER WAY.

PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
URNS RATIO:	-----	1 : 1	-----	± 1%
AC LINE VOLTAGE 50/60Hz	-----	250	-----	Vac
CONTINUOUS RMS CURRENT ^(A)	-----	-----	0.40	Amp
DCR (Each Winding)	-----	1.900	2.000	Ohm
INDUCTANCE (Each Winding) VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	33.0	-----	-----	mHy
LEAKAGE INDUCTANCE ^(B) VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	200	250	-----	μHy
TEMP RISE AT RATED CURRENT ^(A)	-----	42	50	°C
HI-POT: 60Hz BETWEEN WINDINGS	3750	-----	-----	Vrms

- Notes:
- (A) Temperature Rise is specified at maximum continuous current. Lower currents will result in reduced temperature rise. Design point is ≤ 50°C rise at rated current.
 - (B) Leakage Inductance is maximized to help reduce differential mode noise.

FIGURE 3: TYPICAL APPLICATION CIRCUIT

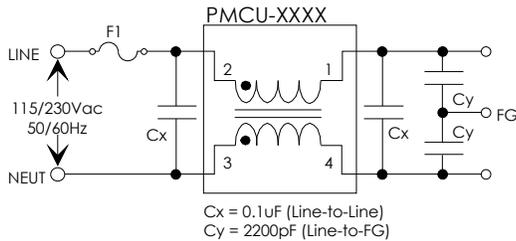


FIGURE 1: SCHEMATIC DIAGRAM

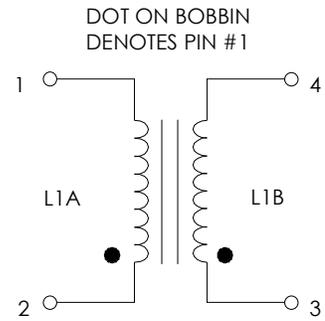
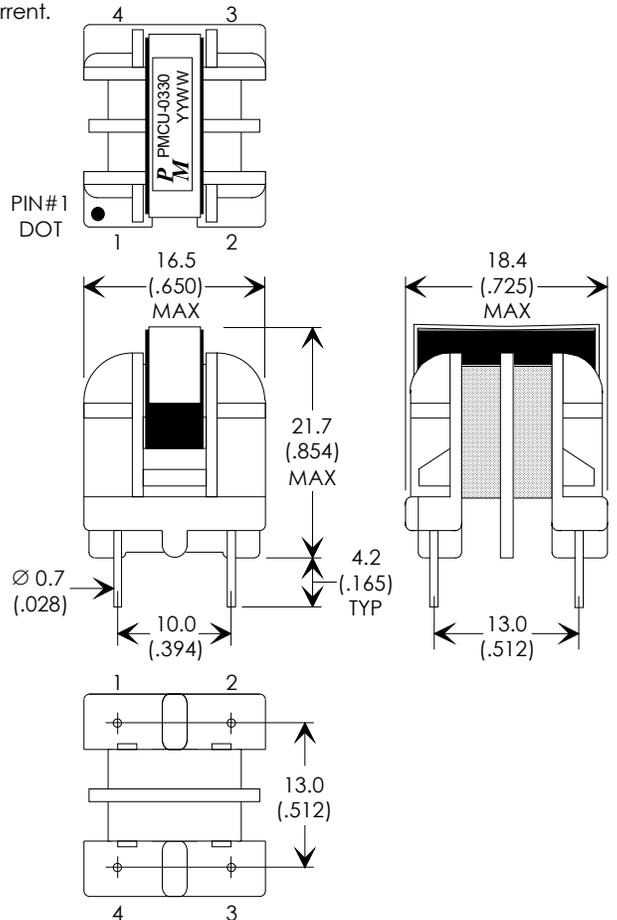


FIGURE 2: DIMENSIONS IN mm, (INCHES)



RoHS

REV.	DESCRIPTION OF CHANGES	BY
02/05/96	IMPROVED DESIGN, LOWER DCR, HIGHER CURRENT RATING	TO
09/21/01	UPDATED NEW DIMENSION ON DRAWING	MP

COMMON MODE INDUCTOR CONTROL DRAWING

PREMIER P/N: PMCU-0330	REVISION: 09/21/01
DRAWN BY: TOM O'NEIL	REF:
SCALE: NONE	SHEET: 1 OF 1



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MM
DIMENSIONAL TOLERANCES ARE:
DECIMALS ANGLES
.X ± .5 ± 0° 30'
.XX ± .25
DO NOT SCALE DRAWING