

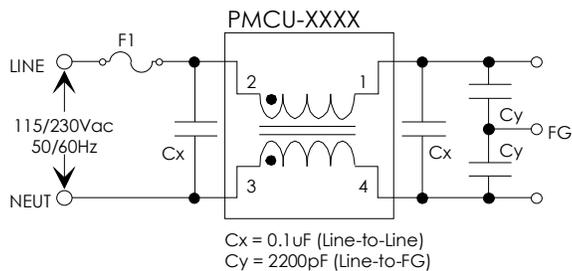
**TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C**

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

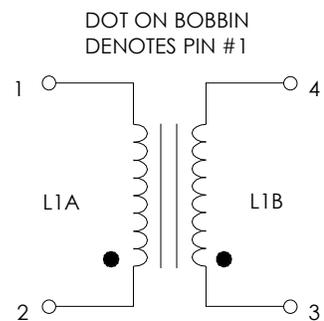
PARAMETER	SPEC LIMITS			UNITS
	MIN.	TYP.	MAX.	
URNS RATIO:	-----	1 : 1	-----	± 1%
AC LINE VOLTAGE 50/60Hz	-----	250	-----	Vac
CONTINUOUS RMS CURRENT <sup>(A)</sup>	-----	-----	0.500	Amp
DCR (Each Winding)	-----	1.100	1.200	Ohm
INDUCTANCE (Each Winding) VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	22.0	-----	-----	mHy
LEAKAGE INDUCTANCE <sup>(B)</sup> VOLTAGE = 0.250Vrms FREQUENCY = 1.0 KHZ	150	206	-----	μHy
TEMP RISE AT RATED CURRENT <sup>(A)</sup>	-----	40	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.

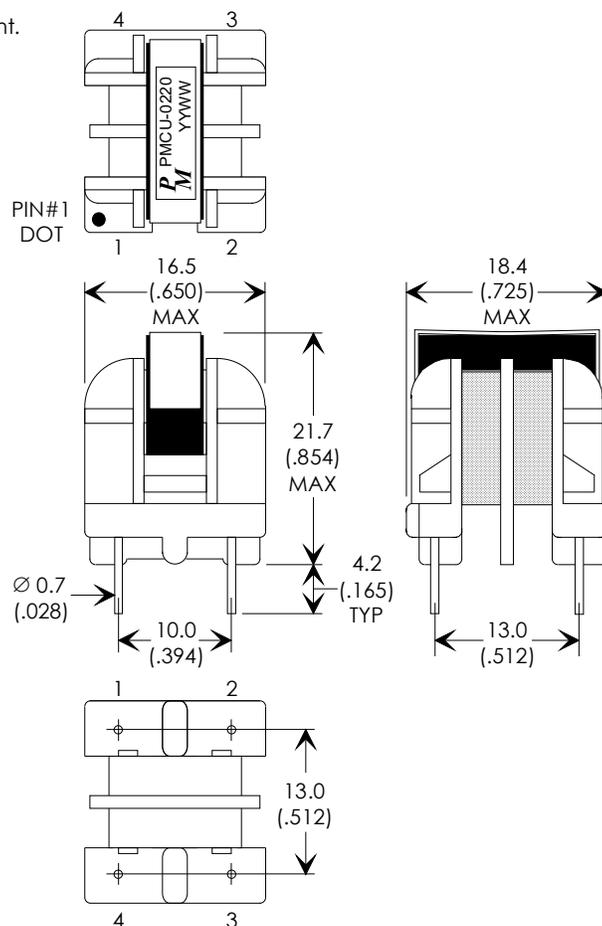
**FIGURE 3: TYPICAL APPLICATION CIRCUIT**



**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-0220	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