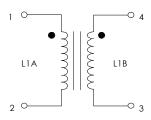
## TABLE 1: ELECTRICAL SPECIFICATIONS AT 25 °C

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

PARAMETER	MIN.	SPEC LIMIT	MAX.	UNITS
INDUCTANCE (Each Winding) VOLTAGE = 0.250Vrms Ref FREQUENCY = 10.0 KHZ Ref	13.0			mHy
AC LINE VOLTAGE 50/60Hz		250		Vac
CONTINUOUS RMS CURRENT (1)			500	mA
TURNS RATIO:		1:1		<u>+</u> 1%
DCR (Each Winding)			1.6	Ohm
HI-POT: 60Hz, 3mA, 1 sec BETWEEN WINDINGS	2400			Vrms
INSULATION RESISTANCE BETWEEN SINDINGS (500 VDC)	100			MOhm
TEMP RISE AT RATED CURRENT (A) OPERATING TEMPERATURE STORAGETEMPERATURE	 -40 -40		60 +85 +85	°C °C

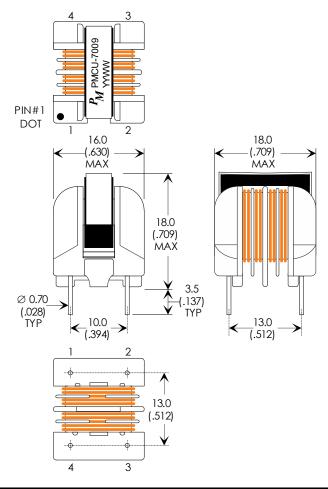
## FIGURE 1: SCHEMATIC DIAGRAM



## Notes:

- 1. Temperature Rise is specified at maximum continuous current. Lower currents will result in reduced temperature rise.
- 2. All materials must be in accordance with class F insulation ratings.
- 3. All units comply with the requirements of EU RoHS Directive.
- 4. All materials per Premier Magnetics UL file #E177139.

## FIGURE 2: DIMENSIONS IN mm, (INCHES)



**RoHS** 



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM DIMENSIONAL TOLERANCES ARE: DECIMALS ANGLES

X ± .5 ± 0 ° 30' XX ± .25 DO NOT SCALE DRAWING

COMMON MODE INDUCTOR CONTROL DRAWING				
PREMIER P/N: PMCU-7009	REVISION: 06/07/18			
ENGR: RISHA PADILLA	REF:			
APPROVED: PETER PHAM	SHEET: 1 OF 1			