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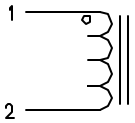
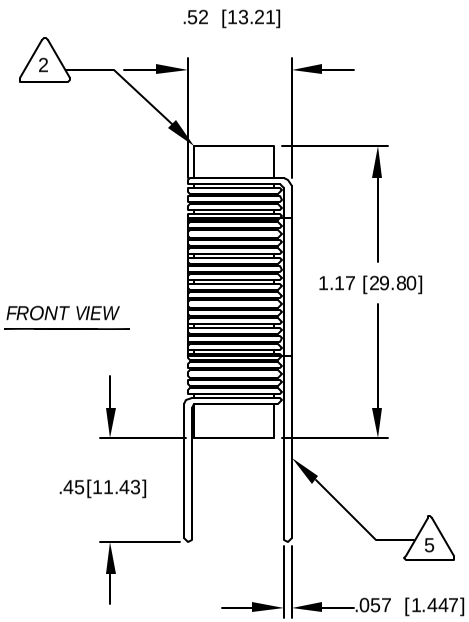
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRE-PRODUCTION RELEASE	TDK	4/10/04	JLAU	4/12/04

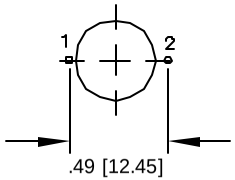


SCHEMATIC

VERTICAL CONFIGURATION

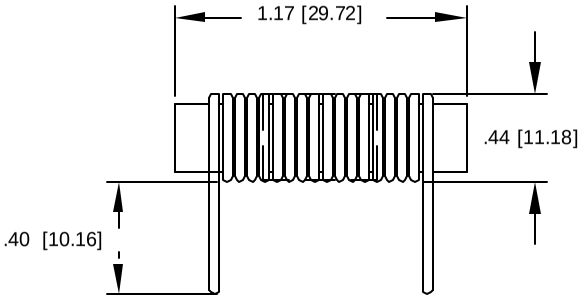


FRONT VIEW

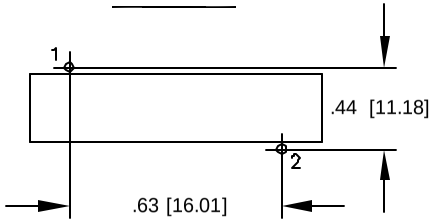


MOUNTING HOLES PATTERN

HORIZONTAL CONFIGURATION



FRONT VIEW



MOUNTING HOLES PATTERN

5 LEADS MUST BE TANGENT TO THE CORE
FLUSH WITH THE CORE EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS

4 WIND COILS EVENLY SPACED
CONSTRUCTION:

HI-POT TEST FOR CORE TO WINIDNG = 500 VDC
DCR= 3.5 MILLI-OHMS @ 25 °C
L= 4.7 UH ± 20% , 1 KHz, 0.25 Vrms, 0 ADC;

3 SPECIFICATIONS: MAX DC CURRENT= 22 AMPS

WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
2 CORE: MANGANESE ZINC FERRITE ROD

RATING CLASS B (130°) REQUIRED
1 MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED. POWER INDUCTOR.
DIMENSIONS IN INCHES [MM]

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

AUTOCAD	X
SOLIDWORKS	

SIGN		DATE
DRAWN	TDK	4/10/04
CHECKED	JLAU	4/10/04
ENGR.	KSUN	4/10/04
APPR.	JLAU	4/12/04

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES: .XXX=±.003 .XX=±.015 <=±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 <=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

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1510 E. Edinger Ave.
Unit B. Santa Ana, CA. 92705

TITLE: Power Chokes

SIZE	DWG. NO.	REV
B	PCR0830-4R7M	A

SCALE 2=1 SHEET 1 OF 1

CAD-FILE: