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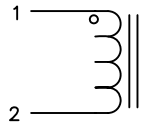
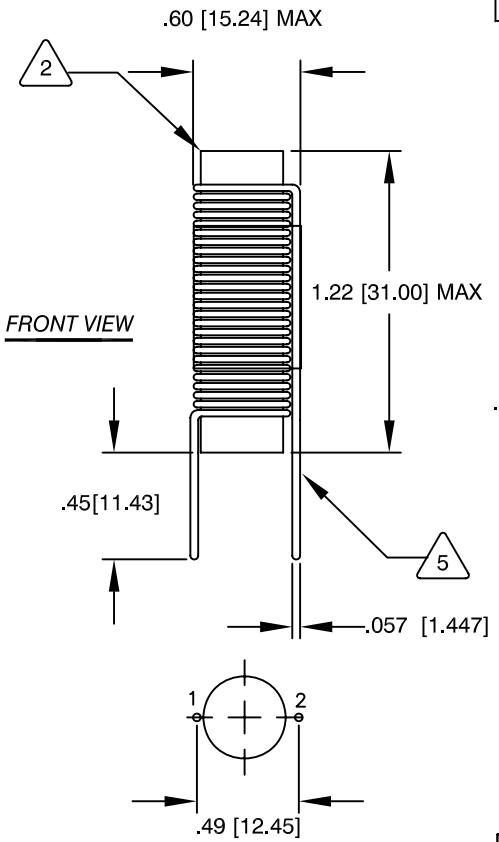
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRE–PRODUCTION RELEASE	TDK	4/10/04	JLAU	4/12/04
B		ELECT. AND MECHAN. SPEC. CHANGE	AK	10/31/12	JLAU	10/31/12



SCHEMATIC

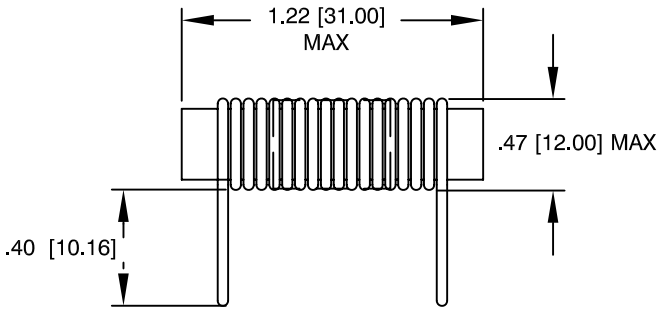
VERTICAL CONFIGURATION



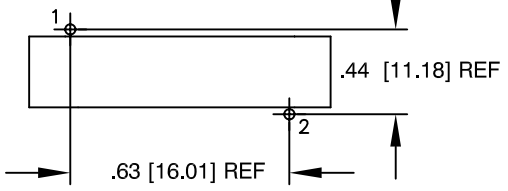
FRONT VIEW

MOUNTING HOLES PATTERN

HORIZONTAL CONFIGURATION



FRONT VIEW



MOUNTING HOLES PATTERN

6 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

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

WIND COILS EVENLY SPACED
4 CONSTRUCTION:

HI-POT TEST FOR CORE TO WINIDNG = 500 VDC
DCR= 5.1 MILLI-OHMS MAX. @ 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. KSUM	4/10/04		
APPR. JLAU	4/12/04		

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Coil Winding Specialist, Inc.
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Orange, CA 92865

TITLE: Power Chokes

SIZE	DWG. NO.	REV
B	PCR0830–4R7M	B

SCALE 2=1 SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

CAD–FILE: