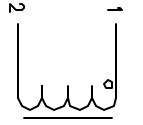


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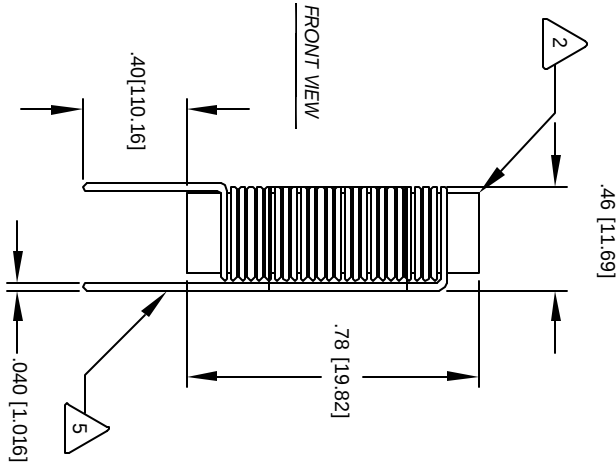
REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK
A		PRE-PRODUCTION RELEASE	TKK	4/10/04	JLU
				4/12/04	

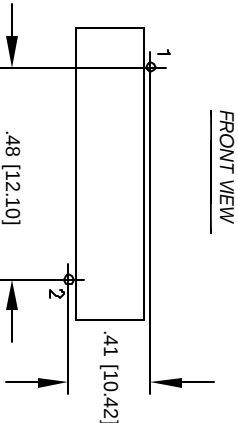
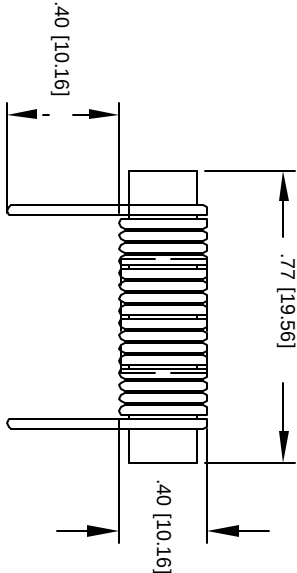
VERTICAL CONFIGURATION



SCHEMATIC



HORIZONTAL CONFIGURATION



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 WINDING = 500 VDC
DCR = 5.6 MILLI-OHMS @ 25 °C
L = 3.3 UH ± 20% , 1 KHZ, 0.25 Vrms, 0 ADC;
SPECIFICATIONS: MAX DC CURRENT = 9 AMPS

3

2

WIRE: UL RECOGNIZED 130° RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
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]

MOUNTING HOLES PATTERN

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD	X			
SOLIDWORKS				
SIGN		DATE	CWS Coil Winding Specialist, www.cwils.com	1510 E. Edinger Ave, Unit B, Santa Ana, CA 92705
DRWN	TKK	4/10/04	Power Chokes	
CHKD	JLU	4/10/04		
ENGR	KSUH	4/10/04		
APPR	JLU	4/12/04		
DO NOT SCALE DRAWING			SIZE 10x10	REV A
			B	PCR0820-3R3M
			SCALE 2=1	SHEET 1 OF 1