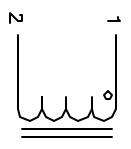


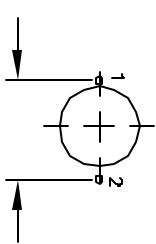
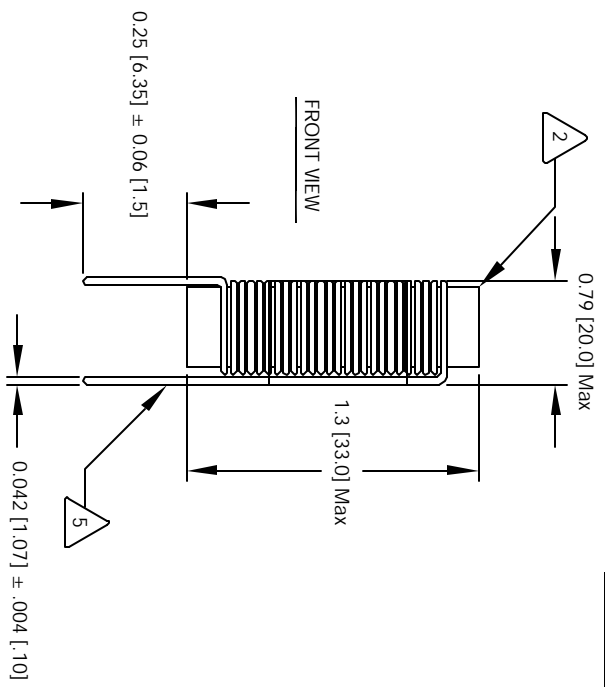
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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
B		PRODUCTION RELEASE	9/08/05	JKU		9/08/05



SCHEMATIC



MOUNTING HOLES PATTERN

INDUCTANCE DROPS 10% FROM ZERO ADC VALUE SATURATION CURRENT IS THE CURRENT AT WHICH THE TEMP. RISE ABOVE AMBIENT OF 25 °C.

MAX DC CURRENT IS AVERAGE CURRENT FOR 40 °C NOTES:

- 6 EPOXY LEADS TO CORE
- .05" ABOVE THE CORE EDGE, AND
- 5 REMOVE INSULATION AND TIN LEADS

WIND COILS EVENLY SPACED

CONSTRUCTION:

MAX TEMP RISE AT MAX CURRENT = 40 °C
 HI-POT TEST FOR CORE TO WINDING = 500 VDC
 DCR = 55 MILLI-OHMS MAX @ 25 °C
 SATURATION CURRENT = 5 AMPS
 L = 100 uH ± 10% , 15.75 KHz, 0.1 Vrms, 0 ADC.

SPECIFICATIONS: MAX RMS (DC) CURRENT = 5 AMPS



WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
 CWS BYTE-MARK OR OTHER APPROVED PART
 CORE: MANGANESE ZINC FERRITE ROD

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

NOTES: UNLESS OTHERWISE SPECIFIED, POWER INDUCTOR, DIMENSIONS IN INCHES [MM], READ FROM BOTTOM UP

VERTICAL MOUNT

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD SOLIDWORKS SIGN	X	PARTS LIST	
DATE	DATE	CWS Coil Winding Specialist. www.cwils.com	
DATE	DATE	1510 E. Edinger Ave. Unit B, Santa Ana, CA 92705	
DATE	DATE	Power Chokes	
DATE	DATE	Vertical Mount	
DATE	DATE	SIZE DIM. IN.	REV
DATE	DATE	B	B
DATE	DATE	PV-104-05	
DATE	DATE	SCALE 2=1	SHEET 1 OF 1