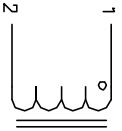


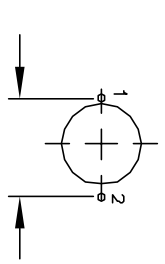
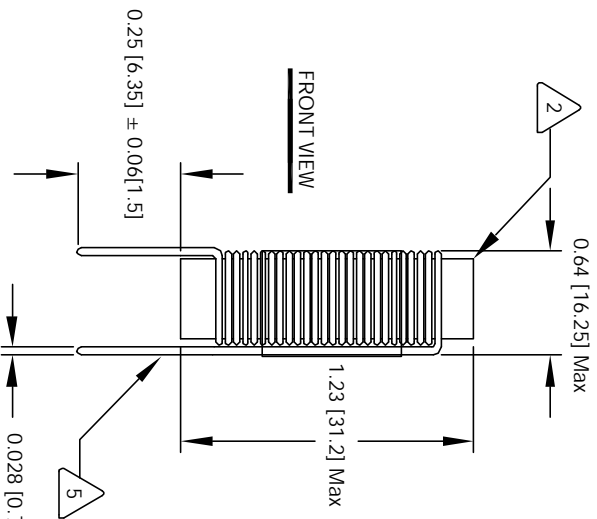
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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	DATE
C		PRODUCTION RELEASE	TDK	9/19/05	9/19/05



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
- 4 WIND COILS EVENLY SPACED
- CONSTRUCTION:
- MAX TEMP RISE AT MAX CURRENT = 40 °C
- HIPOT TEST FOR CORE TO WINDING = 500 VDC
- DCR = 140 MILLI-OHMS MAX @ 25 °C
- SATURATION CURRENT = 3 AMPS
- L = 150 uH ± 10%, 15.75 KHZ, 0.1 Vrms, 0 ADC;
- 3 SPECIFICATIONS: MAX RMS (DC) CURRENT = 3 AMPS

VERTICAL MOUNT

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

- RATING CLASS B (130°C) REQUIRED
- 1 MATERIAL: WIRE INSULATION - UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, POWER INDUCTOR, DIMENSIONS IN INCHES [MM], READ FROM BOTTOM UP

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	PARTS LIST	
DRAWN	9/19/05	CWS Coil Winding Specialist.	
CHKD	9/19/05	1510 E. Edinger Ave	
ENGR.	9/19/05	Unit B, Santa Ana, CA, 92705	
APPR.	9/19/05	Title: Power Chokes	
		Vertical Mount	
		SIZE [Dwg. No.]	REV
		B	C
		SCALE	
		2=1	
		SHEET	1 OF 1