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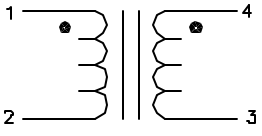
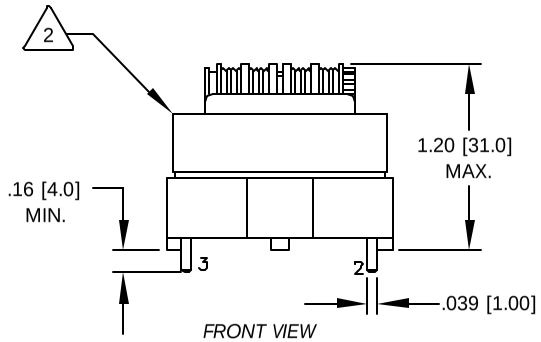
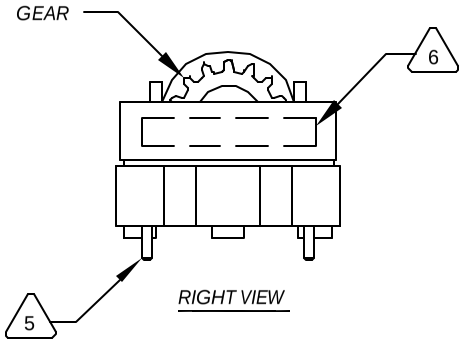
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RPR	6/02/04	JLAU	6/04/03



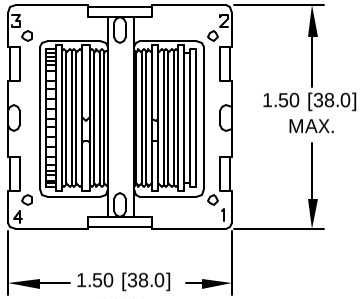
SCHEMATIC



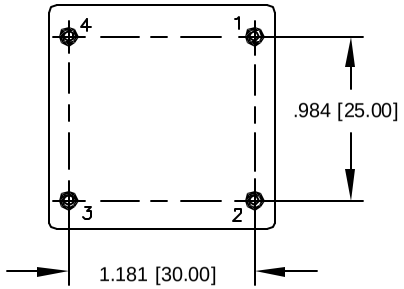
FRONT VIEW



RIGHT VIEW



BOTTOM VIEW



FOOT PRINT

△6 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION APPROX

△5 REMOVE INSULATION AND SOLDER TO BOBBIN LEADS

4 WIND BOTH COILS EVENLY SPACED ON BOBBIN
CONSTRUCTION:

INSURE INTERGRITY OF WINDING SEPARATION
HI-POT TEST FOR INTERWINDING ISOLATION, 1250VDC TO
WIRE SIZE DIAMETER = 0.65 MILLIMETER
NUMBER OF TURNS = 65
DCR = 0.25 MILLI-OHMS MAX
CURRENT RATING = 2.5A AC
L = 22.00 mH MIN @ 10 KHz, 0.250 Vrms;

3 SPECIFICATIONS@ 25 °C

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

△2 CORE: SINGLE PIECE FERRITE H CORE

BOBBIN RATING CLASS B (130°) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.

QTY	UM	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST					

UNLESS OTHERWISE SPECIFIED		
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].		
TOLERANCE INCHES: .XXX=±.010 .XX=±.015 ∠=±0°30'		
TOLERANCE METRICS: .XXX=±.254 .XX=±.38 ∠=±0°30'		
ANGLE PROJECTION		
DO NOT SCALE DRAWING		

	SIGN	DATE
AUTOCAD	X	
SOLIDWORKS		
DRAWN	RPR	6/02/04
CHECK	JLAU	6/02/03
ENGR.	KSUN	6/02/03
APPR.	JLAU	6/02/03

COILWS COM, INC
www.coilws.com
CWS Coil Winding Specialist.
1510 E. Edinger Ave.
Unit B. Santa Ana, CA. 92705

TITLE: Common Mode Line Filter
Horizontal Mount Chokes

SIZE	DWG. NO.	REV
B	35H_22K	A

SCALE 1=1 SHEET 1 OF 1

CAD-FILE: 01-100101-00_A