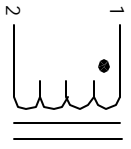
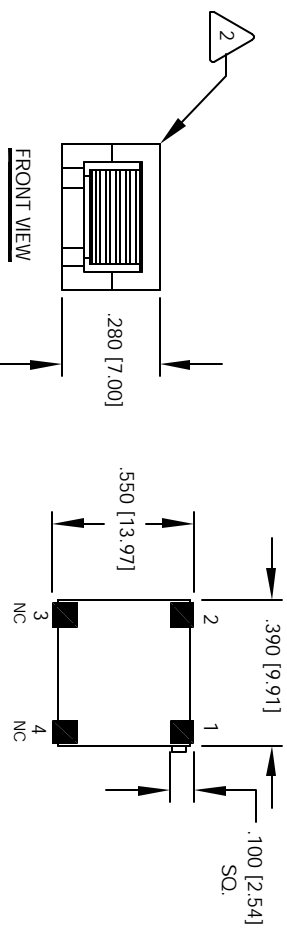
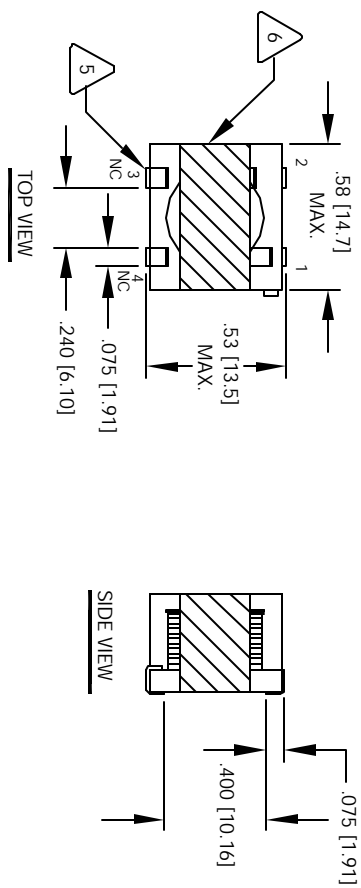


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REVISION HISTORY			
REV	ECN	DESCRIPTION	SIGN & DATE
A		PRE-PRODUCTION RELEASE	TKK 5/07/03 JLUU 5/08/03



SCHEMATIC



WHERE SHOWN, USING A PERMANENT MARKING METHOD
 MARK PART NUMBER AND REVISION IN APPROX
 OVER CORES, (PER NOTE 2)
 APPLY EPOXY ON MATING SURFACES AND WRAP TAPE

MUST REST FLAT ON PCB).
 FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL
 REMOVE INSULATION AND TIN SELF-SMT LEADS

EVENLY SPACED
 WIND USING FLAT HELICAL COIL ONTO BOBBIN
 CONSTRUCTION:

TO INSURE INTERGRITY OF WINDING INSULATION
 HI-POT TEST FOR WINDING TO CORE ISOLATION, 1000VDC
 DCR = MEASURED AT 8 MILLI-OHMS, USING QUADTECH 2200
 L = MEASURED AT 6 uH ±20%, NO BIAS, 4uH @ 7A
 SPECIFICATIONS:

EPOXY: UNIBOND OR CWS APPROVED PART
 OUTER WRAP: 3M OR CWS APPROVED PART
 WIRE: UL RECOGNIZED 200° RATED MAGNET WIRE
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: SENDUST CORE, 90 PERMEABILITY

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

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT			
PARTS LIST				
AUTOCAD SOLIDWORKS SIGN		CWS Coil Winding Specialist. 1510 E. Edinger Ave. Unit B, Santa Ana, CA, 92705		
DATE		TITLE:		
5/7/03		Flat SM Inductor		
DRAWN TKK		SIZE DIM. UN.		
5/08/03		B		
CHKR JLUU		SCALE		
5/08/03		2=1		
APPR. JLUU		REV A		
5/08/03		CWS-7A04N		
DO NOT SCALE DRAWING		SHEET 1 OF 1		