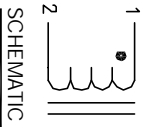


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK
C		PRODUCTION RELEASE	RLU	10/15/05	RLU



8 BUILT TO ROHS COMPLIANCE AND LEAD FREE

7 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION

6 BOTTOM CORE AS SHOWN
APPLY ONE KAPTON TAPE TO COVER THE

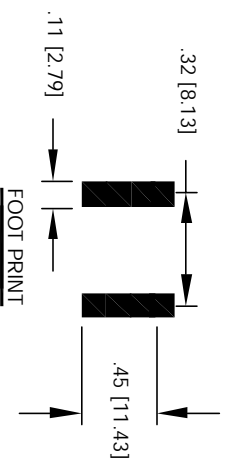
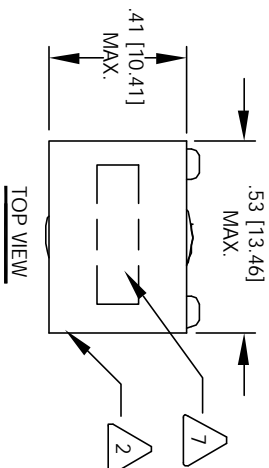
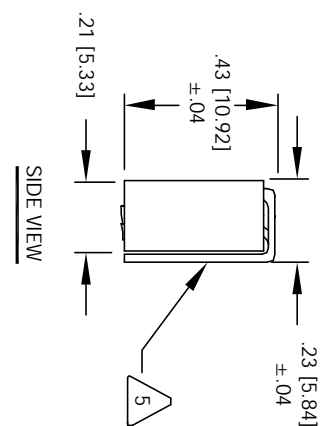
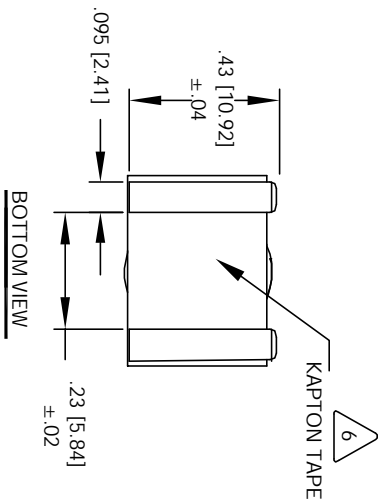
5 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C)
THE LEAD MUST REST FLAT ON PCB.
REMOVE INSULATION AND TIN LEADS APPROX. 0.43 INCH

4 HELIX WIND 3-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED
CONSTRUCTION:

3 HI-POT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE
DCR = 1.8 MILLI-OHMS MAX. @ 25 ° C
RATED CURRENT = 40A MAX. @ 125 ° C
L = 1.3 uH ±15% , 0.25V, 0.5 A, 100KHz. @ 125 ° C
SPECIFICATIONS @ 25°C

2 EPOXY: 2 PARTS A & B (600°F- 315°C)
WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE, JIS C3102
CWS BYTEMARK OR OTHER APPROVED PART
CORE: HIGH FLUX

1 HELICAL COIL RATING 200°C REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



A/R	QTY	UM	CODE	IDENT	DESCRIPTION	ITEM NO.	
1	1		CWS	8265-S	EPOXY 2 PARTS A&B (600°F, 315°C)	5	
1	1		CWS	KAPTON TAPE	KAPTON TAPE, 0.25 Wx .42	4	
1	1		EA	E126174	BLK, KAPTON TAPE, 0.375"W x 2.0"	3	
1	1		EA	CWS	395275	2.4x .52mm RIBBON WIRE	2
2	2		EA	CWS		HIGH FLUX CORE	1

UNLESS OTHERWISE SPECIFIED	DO NOT SCALE DRAWING
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	ANGLE PROJECTION
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE INCHES: .XX = ±.005, .X = ±.015, .XXX = ±.127, .XX = ±.25	
TOLERANCE METRICS: .X = ±.075	

AUTOCAD	X	TITLE	40 Amps Output Choke (2.4mmx .52 mm 3-3/4T)
SOLIDWORKS		CWS Coil Winding Specialist.	
SIGN	DATE	353 WEST GROVE AVE	
		Bldg 7, ORANGE, CA, 92665	
DRAWN	RPR	10/15/05	
DESIGN	JLJU	10/15/05	
ENGR.	KSUM	10/15/05	
APPR.	JLJU	10/15/05	
SIZE	DWG. NO.	CWS-5323A	REV C
SCALE	4=1		