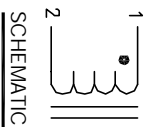


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REVISION HISTORY

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

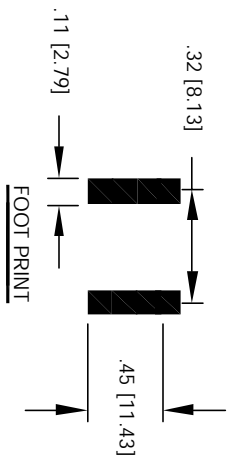
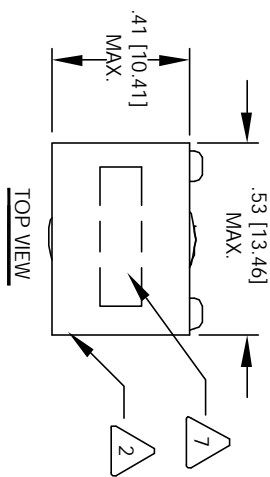
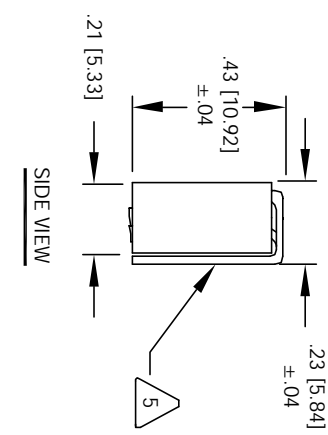
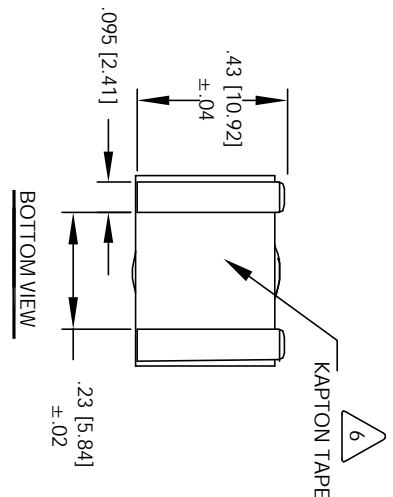
5 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C) THE LEAD MUST REST FLAT ON PCB. REMOVE INSULATION AND TIN LEADS APPROX. 0.43 INCH

4 HELIX WIND 9-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED CONSTRUCTION:

3 HI-POT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE  
 DCR = 11.8 MILLI-OHMS MAX. @ 25 ° C  
 RATED CURRENT = 12A MAX. @ 125 ° C  
 L = 7.6 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	.42"	CWS	8265-S		EPOXY 2 PARTS A&B (600°F, 315°C)	5
1	2" 0	CWS	KAPTON TAPE		KAPTON TAPE, 0.25 Wx .42	4
1	EA	CWS	E126174		BLK, KAPTON TAPE, 0.375"W x 2.0"	3
2	EA	CWS	395275		2.4x .2mm RIBBON WIRE	2
					HIGH FLUX CORE	1

UNLESS OTHERWISE SPECIFIED		AUTOCAD X	
DIMENSIONING AND TOLERANCE PER ANSI Y14.3M		SOLIDWORKS	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)		SIGN DATE	
TOLERANCE INCHES: .XX = ±.005 .XY = ±.015 .X = ±.030		DRAWN RLU 10/15/05	
TOLERANCE METRCS: .XX = ±.127 .XY = ±.25 .X = ±.075		CHECKED JLU 10/15/05	
ANGLE PROJECTION		ENGR. KSUM 10/15/05	
DO NOT SCALE DRAWINGS		APPR. JLU 10/15/05	
TITLE: 12 Amps Output Choke (2.4mmx .2 mm 9-3/4T)		SIZE: DIM. IN: B	
CWS COM, INC 353 WEST GROVE AVE Bldg 7, ORANGE, CA 92665		SCALE: 4=1	
CWS Coil Winding Specialist.		SHEET 1 OF 1	
CWS-5327A		REV C	