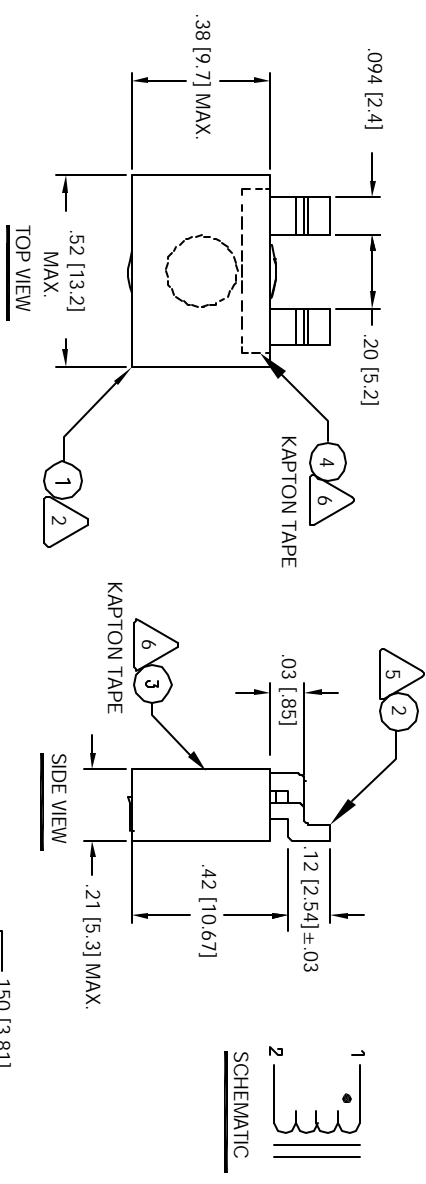


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REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
0		PRODUCTION RELEASE	4/22/05	TKK	JLU	4/22/05



7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION BOTTOM CORE AS SHOWN.
TO COVER THE EDGES OF
APPLY ONE KAPTON TAPE. (PER NOTE 2)

6 THE SMT LEADS MUST REST FLAT ON PCB. CO-PLANAR BOND WINDING AND CORE WITH EPOXY 2 PART A&B (600°F.315°C)
REMOVE INSULATION AND TIN LEADS APPROX. 0.09 INCH

5 HELIX WIND 2-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED CONSTRUCTION:

4 TO INSURE INTERGRITY OF WINDING INSULATION HI-POT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE DCR = 0.9 MOHM MAX.
L = 0.7uH ± 15%, 0.01V, 0.05A, 100KHz
SPECIFICATIONS @ 25 °C:

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

2 HELICAL COIL RATING 200°C REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

A/R	CWS	8265-S	EPOXY 2 PARTS A&B (600°F. 315°C)	ITEM NO.
1	.42"	KAPTON TAPE	KAPTON TAPE, 0.25 Wx .42	4
1	2".0	CWS	BLK. KAPTON TAPE, 0.375" W x 2.0"	3
1	EA	CWS	395273	2
2	EA	CWS	2.4x .8mm RIBBON WIRE	1
Z	EA	CWS	9.51x 13.0 mm HIGH FLUX CORE	1

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

AUTOCAD		X		CWS Coil Winding Specialist.	
SOLIDWORKS	SIGN	DATE		1510 E. Edinger Ave.	1510 E. Edinger Ave.
				Unit B, Santa Ana, CA 92705	Unit B, Santa Ana, CA 92705
UNLESS OTHERWISE SPECIFIED					
TOLERANCING AND TOLERANCE PER FIG 11.5M					
ALL DIMENSIONS ARE IN INCHES AND [DIMENSIONS]					
TOLERANCE INCHES					
XXXX-XXXX .XXXX-015					
TOLERANCE METERS					
XXXX-127 .XXXX-30					
ANGLE PROJECTION					
DO NOT SCALE DRAWING					

SCALE	4=1	SHEET	1	OF	1
SIZE	08r. Wt.	CWS-5322B	REV	D	
TITLE:	50 Amps Output Choke (2.4mmx 0.8 mm 2-3/4T)				