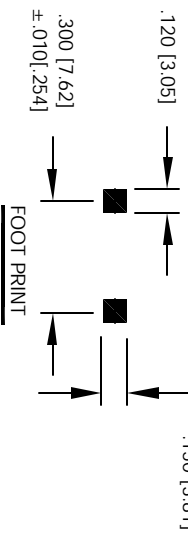
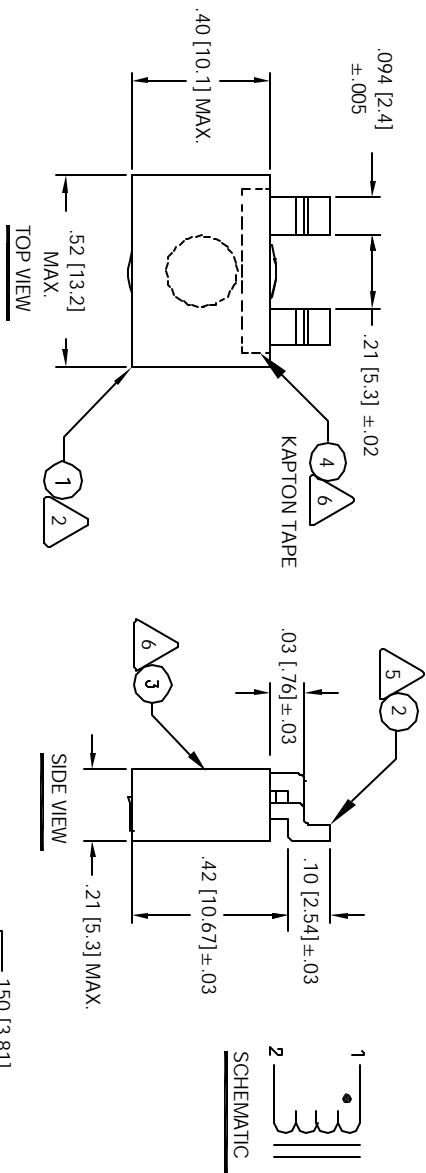


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

REVISION HISTORY

REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
C		PRE-PRODUCTION RELEASE	9/08/03	TKK	JLU	9/08/03



- 6 WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION BOTTOM CORE LOCATED AS SHOWN APPLY ONE KAPTON TAPE TO COVER THE EDGES OF THE LEAD MUST REST FLAT ON PCB
- 5 FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F, 315°C) REMOVE INSULATION AND TIN LEADS APPROX. 0.10 INCH
- 4 HELIX WIND 4-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED CONSTRUCTION:
- 3 HIPOT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE DCR = 2.1 MOHM MAX. @ 25 ° C RATED CURRENT = 40 A MAX. @ 125 ° C L = 2.0 uH MIN. 0.25V, 0.5 A, 100kHz. @ 125 ° C SPECIFICATIONS:
- 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.

A/R	QTY	UM	CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
1	1	EA	CWS	8265-S		EPOXY 2 PARTS A&B (600°F, 315°C)	5
1	1	EA	CWS	KAPTON TAPE		KAPTON TAPE, 0.25 Wx .42	4
1	1	EA	CWS	E128174		BLK. KAPTON TAPE, 0.375" W x 2.0"	3
1	2	EA	CWS	395275		2.4x .52mm RIBBON WIRE	2
2	1	EA	CWS			9.51x 13.0 mm HIGH FLUX CORE	1

UNLESS OTHERWISE SPECIFIED	
DRAWING AND TOLERANCE PER FIG 11.5M	
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)	
TOLERANCE INCHES	±.005
TOLERANCE METERS	±.015
ANGLES	±.127
ANGLE PROJECTION	AS SHOWN
DO NOT SCALE DRAWING	

AUTOCAD	X		
SOLIDWORKS			
DATE	4/10/03	TITLE	40 Amps Output Choke
DATE	4/11/03		(2.4mmx .52 mm 4-3/4")
DATE	2/29/04	SIZE	DWR, ML
DATE	2/29/04	SCALE	B
DATE			CWS-5321B
DATE			REV C

PARTS LIST

CWS Coil Winding Specialist
1510 E. Edinger Ave
Unit B, Santa Ana, CA 92705