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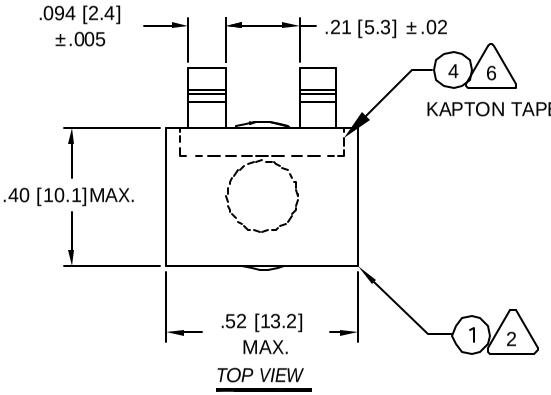
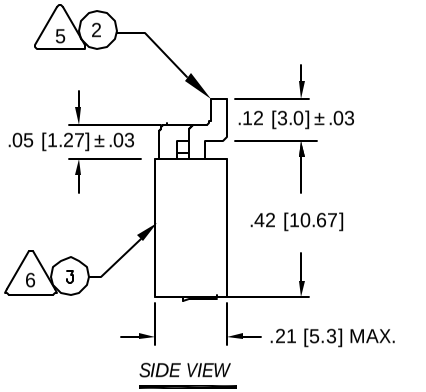
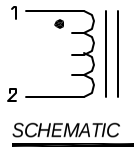
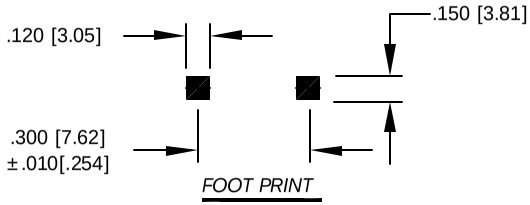
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
E		PRODUCTION RELEASE	RPR	4/22/05	JLAU	4/22/05









4 BUILT TO RoHS COMPLIANCE AND LEAD FREE

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

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

THE LEAD MUST REST FLAT ON PCB
FILL WINDING AND CORE WITH EPOXY 2 PART A&B (600°F,315°C)
5 REMOVE INSULATION AND TIN LEADS APPROX. 0.12 INCH

HELIX WIND 1-3/4 TURNS TIGHT TO CORE AND EVENLY SPACED
4 CONSTRUCTION:

HI-POT (2 SECOND, 5mA MAX.) 300 VRMS WINDING TO CORE
DCR = 0.55 mOHM MAX. @ 25 °C
L = 0.3uH ± 10% , 0.25V, 1.0 A, 100Khz. @ 125 ° C
3 SPECIFICATIONS @ 25°C

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
2 CORE: HIGH FLUX

HELICAL COIL RATING 200°C REQUIRED
1 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)	5
1	.42"	CWS	KAPTON TAPE	KAPTON TAPE, 0.25 Wx .42	4
1	2".0	CWS	E126174	BLK, KAPTON TAPE, 0.375"W x 2.0"	3
1	EA	CWS	395274	2.4x 1.2mm RIBBON WIRE	2
2	EA	CWS		9.51x 13.0 mm HIGH FLUX CORE	1
QTY	UM	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].	
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 ∠=±0°30'	
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 ∠=±0°30'	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

	X
AUTOCAD	
SOLIDWORKS	

SIGN		DATE
DRAWN	RPR	4/22/05
CHECKED	JLAU	4/22/05
ENGR.	KSUN	4/22/05
APPR.	JLAU	4/22/05

COILWS COM, INC
www.coilws.com
CWS Coil Winding Specialist.
1510 E. Edinger Ave.
Unit B. Santa Ana, CA. 92705

TITLE: 60 Amps Output Choke (2.4mmx 1.2mm 1-3/4T)

SIZE B | DWG. NO. CWS-5291B | REV E

SCALE 4=1 | SHEET 1 OF 1

CAD-FILE: