

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	SIGN & DATE			
			BY	DATE	CHK	DATE
C		PRODUCTION RELEASE	TDK	1/20/05	JLAU	1/20/05
D		REVISE DIMENSION	CT	12/10/08	KLC	12/10/08
F		UPDATED	RCL	7/6/11	JLAU	7/6/11

8 BUILD TO RoHS COMPLIANCE AND LEAD FREE

7 BOTTOM OF CORE TO START OF TINNING
5.08 MM DIMENSION MEASURED FROM

6 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION IN APPROX
WRAP INDUCTOR WITH TAPE, (PER NOTE 2)

5 TO THE CORE
MUST REST FLAT ON PCB). LEADS MUST BE TANGENT
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL
REMOVE INSULATION AND TIN LEADS APPROX. 0.2 INCH

4 CORE AND EVENLY SPACED
WIND SINGLE LAYER ON EACH SIDE OF
CONSTRUCTION:

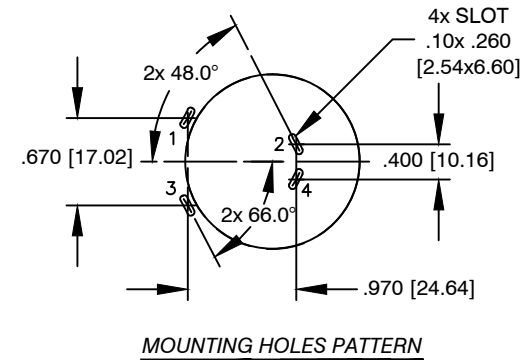
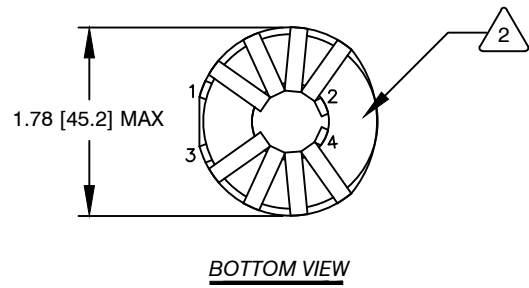
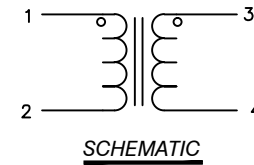
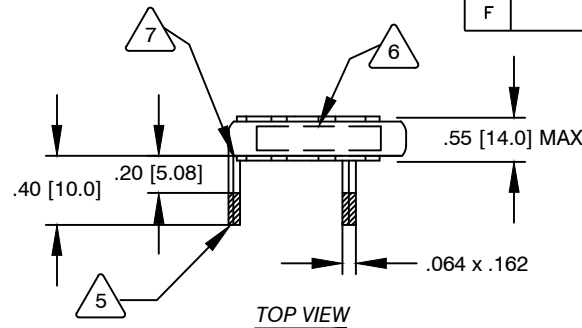
3 TO INSURE INTERGRITY OF WINDING SEPARATION
HI-POT TEST FOR INTERWINDING ISOLATION= 250VDC
POWER LOSS= 4.3 W MAX.@ 60A/COIL
DCR= 0.6 mOHMS MAX./COIL, MEASURED USING QUADTECH 2200
L= 82.5 uH MIN/COIL, 110 uH NOM/COIL (1 KHZ, 1Vrms)
SPECIFICATIONS @ 25 °C :

2 APPROVED PART
OUTER WRAP: 3M #11 OR #69 OR OTHER CWS
WIRE: UL RECOGNIZED CLASS 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: COATED FERRITE TOROID, HIGH PERM MNZN

1 CLASS B (130°C) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

CAGE CODE = 5DME2



UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES:
.XXX=±.010 .XX=±.020 \angle=±0°30'
TOLERANCE METRICS:
.XXX=±.254 .XX=±.51 \angle=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE	COILWS COM, INC	CWS Coil Winding Specialist.
DRAWN	TDK	1/20/05	www.coilws.com	353 W. GROVE AVE. ORANGE, CA 92865
CHECKED	JLAU	1/20/05	TITLE: Inductor Common Mode 110uH 60A	
ENGR.	KSUM	1/20/05		
APPR.	JLAU	1/20/05		
SIZE	DWG. NO.	C-36A29-07		REV F
SCALE	1=1			SHEET 1 OF 1