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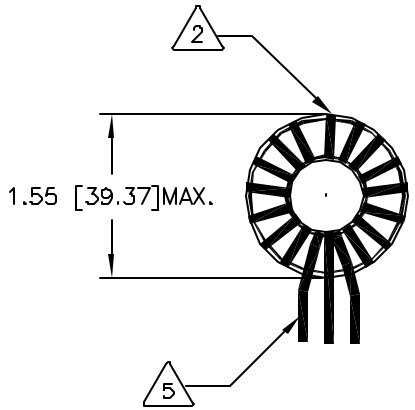
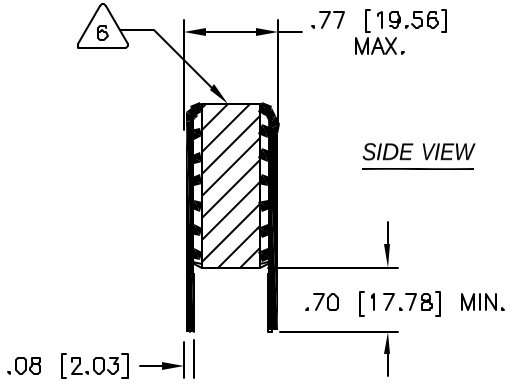
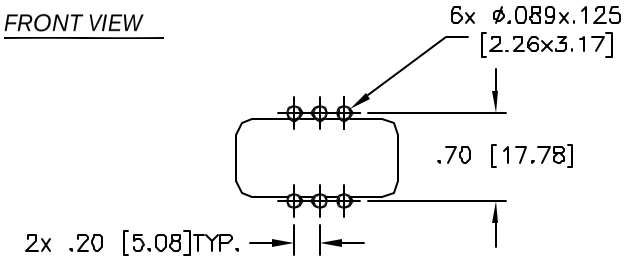
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	TDK	3/2/05	JLAU	3/2/05



FRONT VIEW



SIDE VIEW



MOUNTING HOLES PATTERN

WHERE SHOWN, USING A PERMANENT EPOXY INK
MARK PART NUMER AND REVISION IN (BLACK) APPROX
6 WRAP INDUCTOR WITH GLASS TAPE, (PER NOTE 2)

MUST REST FLAT ON PCB). LEADS MUST BE TANGENT TO THE CORE
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL
5 REMOVE INSULATION AND TIN LEADS APPROX. 0.7 INCH

WIND COILS EVENLY SPACED

4 CONSTRUCTION:

INSULATION COVERING HAS NOT BEEN BREACHED

HI-POT TEST COIL TO COIL, 250VDC TO INSURE INTEGRITY OF WINDING

POWER LOSS 3.3 W MAX @ 60A

DCR= 1mOHMS MAX (ALL 3 STRANDS IN PARALLEL)

L= 5.5 uH MIN/COIL (10 KHZ), <1Vrms); > 3 uH @ 60 A DC BIAS

3 SPECIFICATIONS:

OUTER WRAP: GLASS CLOTH TAPE

WIRE: UL RECOGNIZED 200° C RATTING MAGNET WIRE

2 SUPPLIER: CWS BYTEMARK (www.cwsbytemark.com)
CORE: MPP TOROID

RATING CLASS B (130°) REQUIRED

1. MATERIAL: UL RECOGNIZED 94V-2 FLAMMABILITY

NOTES: READ FROM BOTTOM UP.

	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

AUTOCAD	X
SOLIDWORKS	
SIGN	DATE
DRAWN TDK	3/2/05
CHECK KKSUM	3/2/05
ENGR. JLAU	3/2/05
APPR. JLAU	3/2/05

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES: .XXX=±.003 .XX=±.015 <±0°30'
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 <±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

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

TITLE: 60A Differential Mode Inductor

SIZE	DWG. NO.	REV
B	10445-5.5U-60A	B

SCALE 1=1 SHEET 1 OF 1

CAD-FILE: