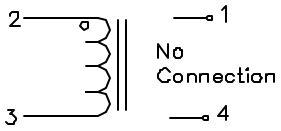
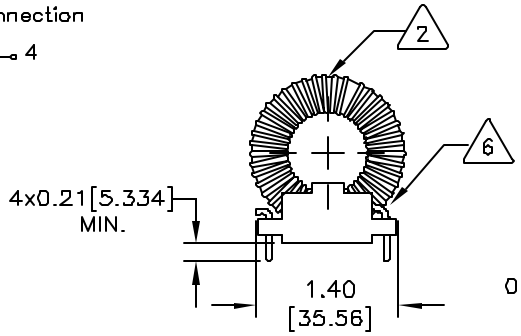
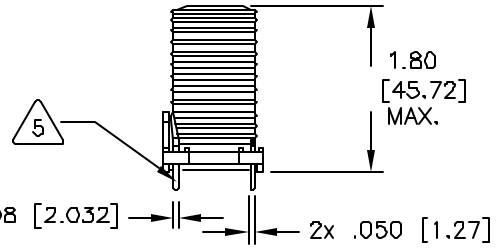
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RLU	4/27/05	JLAU	4/27/05



SCHEMATIC



FRONT VIEW



SIDE VIEW

7 BUILT TO RoHS COMPLIANCE AND LEAD FREE.

WHERE SHOWN
6 IF APPLICABLE, MARK PART NUMER AND REVISION
APPLY EPOXY TO SECURE COIL TO BOBBIN.

5 INSERT THROUGH BOBBIN AS OUTPUT LEADS
REMOVE WIRE INSULATION AND

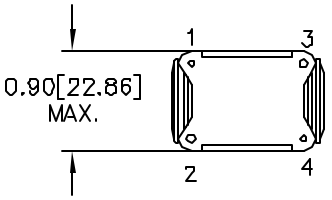
WIND COILS EVENLY SPACED
4 CONSTRUCTION:

INDUCTANCE AT RATED CURRENT = 163.0 uH
MAX. TEMP RISE AT RATED CURRENT = 14 °C
RATED CURRENT MAX. = 4.9 AMPS DC
DCR= 38.0 MILLI-OHMS MAX
INDUCTANCE @ 0 ADC = 257.0 uH±10%; 15.7KHz; 0.250 Vrms
3 SPECIFICATIONS @ 25°C:

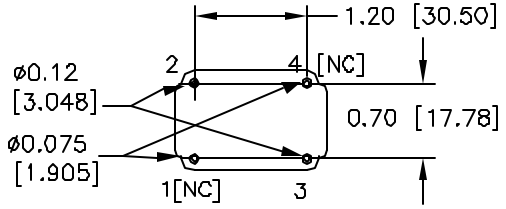
WIRE: UL RECOGNIZED 155°C OR 200°C RATED MAGNET WIRE
2 CWSBYTEMARK OR OTHER APPROVED PART
CORE: COATED IRON POWDER TOROID

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

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.



BOTTOM VIEW



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

AUTOCAD	X
SOLIDWORKS	

SIGN	DATE
DRAWN RLU	4/27/05
CHECK JLAU	4/27/05
ENGR. JLAU	4/27/05
APPR. KKSUM	4/27/05

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: Output Choke
4.9 Amps

SIZE	DWG. NO.	REV
B	OPC-3-257-4.9	A

SCALE 1=1 SHEET 1 OF 1

CAD-FILE: