CONSTRUCTION COPY

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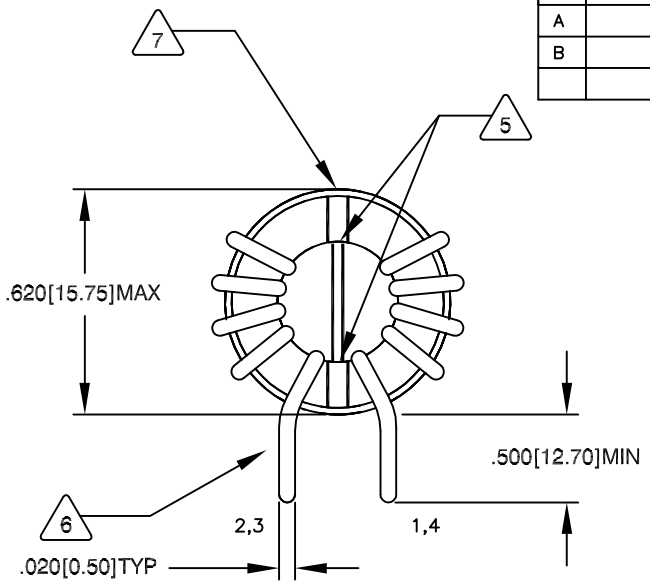
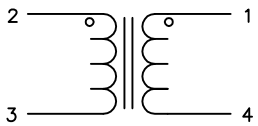
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RPR	5/16/04	JLAU	5/16/04
B		CORRECTION ON REV B AND CORRECT DIMENSIONAL	KLC	9/20/10	AK	9/20/10



FRONT VIEW



SCHEMATIC

8 BUILD TO ROHS COMPLIANCE

7 USING A PERMANENT MARKING METHOD
MARK PART NUMBER "206" WHERE SHOWN

TO THE CASE
MUST REST FLAT ON PCB). LEADS MUST BE TANGENT
FLUSH WITH THE CASE EDGE, AS SHOWN (I.E. COIL
6 REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH

5 APPLY EPOXY WHERE SHOWN

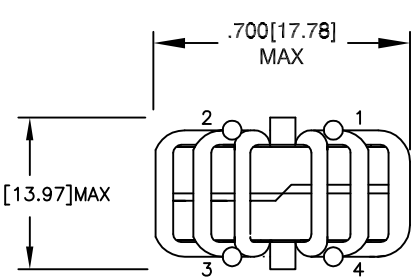
WIND BOTH COILS EVENLY SPACED
4 CONSTRUCTION:

WEIGHT: ~ 6.0 GRAM
1250 Vrms ISOLATION BETWEEN WINDING
INTER-WINDING CAPACITANCE = 20 pF TYPICAL
LEAKAGE INDUCTANCE = 4 uH TYPICAL
CURRENT RATING = 2.0 AMPS
DCR ON EACH WINDING = 50 MILLI-OHMS MAX
L= 0.60 mH MINIMUM, 10 KHz, 250 mV
3 SPECIFICATIONS:

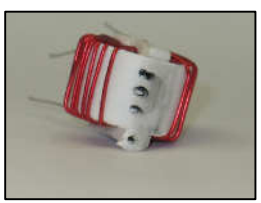
WIRE: UL RECOGNIZED 155 °C OR ABOVE RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
2 CORE: HIGH PERM MNZN FERRITE TOROID

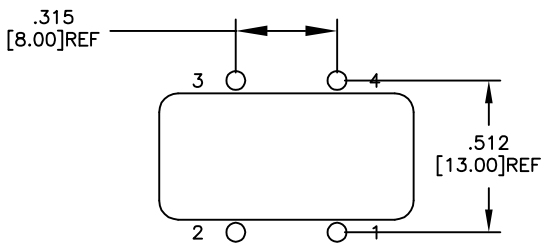
RATING CLASS B (130 °C MIN.) REQUIRED
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP



BOTTOM VIEW





MOUNTING HOLES PATTERN

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		

	SIGN	DATE
AUTOCAD	X	
SOLIDWORKS		
DRAWN	RPR	5/16/04
CHECKED	JLAU	5/16/04
ENGR.	KSUM	5/16/04
APPR.	JLAU	5/16/04

COILWS COM, INC
www.coilws.com

CWS Coil Winding Specialist.
353 W Grove Ave
Orange, CA 92865

TITLE:
Common Mode Line Filter
0.6 mH Min, 2 Amp, Vertical Mount

SIZE	DWG. NO.	REV
B	S-02-06G	B

SCALE 2=1 SHEET 1 OF 1

CAD-FILE: