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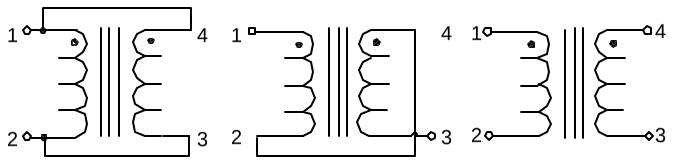
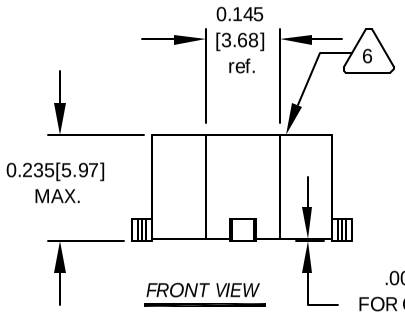
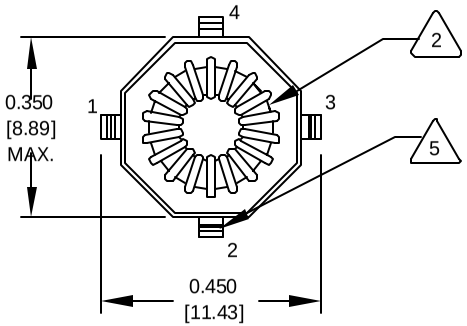
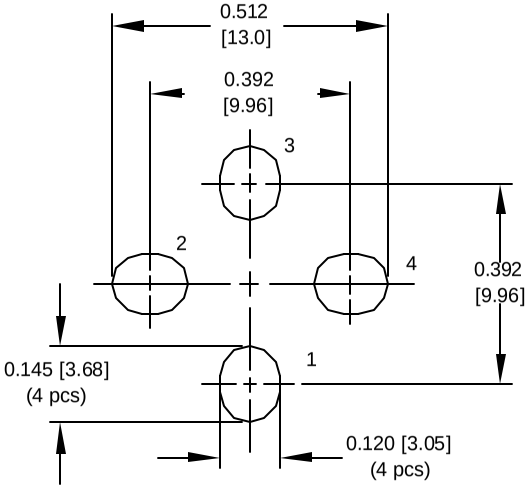
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RPR	7/08/04	JLAU	7/08/04









6 AND REVISION WHERE SHOWN
IF APPLICABLE MARK PART NUMBER

5 REMOVE INSULATION AND TIN LEADS

WIND ON TO CORE AND EVENLY SPACED

4 CONSTRUCTION:

TO INSURE INTERGRITY OF WINDING SEPARATION
HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.
SERIES DCR= 0.128 OHMS MAX.
SERIES FULL LOAD CURRENT = 1.25 AMPS. DC.
SERIES FULL LOAD INDUCTANCE = 14.26 uH MIN.
SERIES OPEN CIRCUIT INDUCTANCE = 19.58 uH @ ± 20 %
PARALLEL DCR= 0.032 OHMS MAX.
PARALLEL FULL LOAD CURRENT = 2.50 AMPS. DC.
PARALLEL FULL LOAD INDUCTANCE = 3.57 uH MIN.
PARALLEL OPEN CIRCUIT INDUCTANCE = 4.90 uH @ ± 20 %

3 SPECIFICATIONS:

WIRE: UL RECOGNIZED 130°C RATING MAGNET WIRE
2 CWS BYTEMARK OR OTHER APPROVED PART
CORE: TOROID

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

NOTES: UNLESS OTHERWISE SPECIFIED.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

PARTS LIST

AUTOCAD	X	
SOLIDWORKS		
SIGN	DATE	
DRAWN RPR	7/06/04	
CHECK JLAU	7/06/04	
ENGR. KSUN	7/06/04	
APPR. JLAU	7/06/04	

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES: .XXX=±.010 .XX=±.015 ∠=±0°30'
TOLERANCE METRICS: .XXX=±.254 .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: Parallel Series Inductor

SIZE	DWG. NO.	REV
B	CX5-2-IP	A

SCALE 4=1 SHEET 1 OF 1

CAD-FILE: