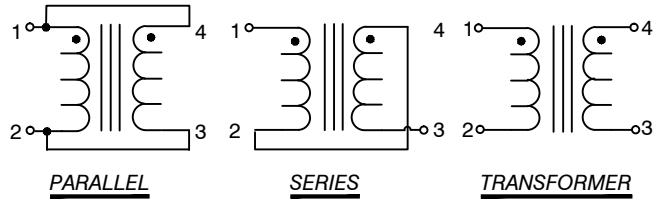


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6 AND REVISION WHERE SHOWN  
IF APPLICABLE MARK PART NUMBER

5 REMOVE INSULATION AND TIN LEADS  
WIND ON TO CORE AND EVENLY SPACED  
4 CONSTRUCTION:

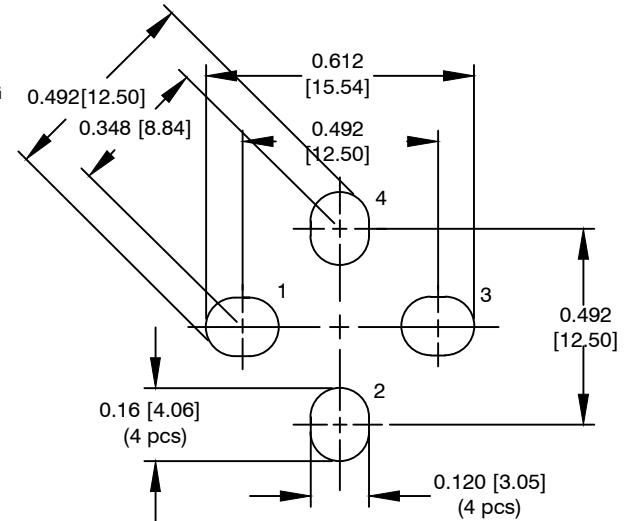
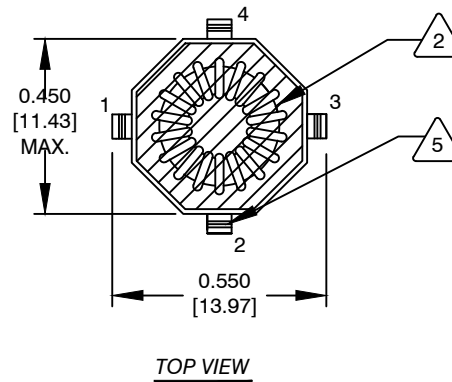
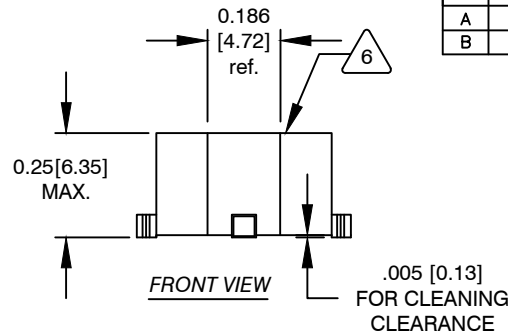
TO INSURE INTERGRITY OF WINDING SEPARATION  
HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.  
SERIES DCR= 0.287 OHMS MAX.  
SERIES FULL LOAD CURRENT = 0.90 AMPS. DC.  
SERIES FULL LOAD INDUCTANCE = 67.27 uH MIN.  
SERIES OPEN CIRCUIT INDUCTANCE = 132.50 uH @ ± 20 %  
PARALLEL DCR= 0.072 OHMS MAX.  
PARALLEL FULL LOAD CURRENT = 1.80 AMPS. DC.  
PARALLEL FULL LOAD INDUCTANCE = 16.82 uH MIN.  
PARALLEL OPEN CIRCUIT INDUCTANCE = 33.12 uH @ ± 20 %

3 SPECIFICATIONS:

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

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

NOTES: UNLESS OTHERWISE SPECIFIED.



.005 [0.13]  
FOR CLEANING  
CLEARANCE

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RPR	4/26/05	JLAU	4/26/05
B		FOOTPRINT AND NOTE UPDATE	RCL	6/20/11	JLAU	4/30/11

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>				
AUTOCAD		X		
SOLIDWORKS				
SIGN	RPR	DATE	sales@coilws.com www.coilws.com	Coil Winding Specialist, Inc. 353 W. Grove Avenue Orange, CA 92865
DRAWN	JLAU	4/26/05	<b>Parallel Series Inductor</b>  SIZE DWG. NO. <b>B</b> CX33-4-SD SCALE <b>NOT_TO_SCALE</b>	
CHECKED	JLAU	4/26/05		
ENGR.	KSUM	4/26/05		
APPR.	JLAU	04/28/11		
			REV	B
			SHEET	1 OF 1

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M  
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].  
TOLERANCE INCHES:  
.XXX=±.010 .XX=±.015 <math>\angle=±0°30'</math>  
TOLERANCE METRICS:  
.XXX=±.254 .XX=±.38 <math>\angle=±0°30'</math>  
ANGLE PROJECTION  
DO NOT SCALE DRAWING