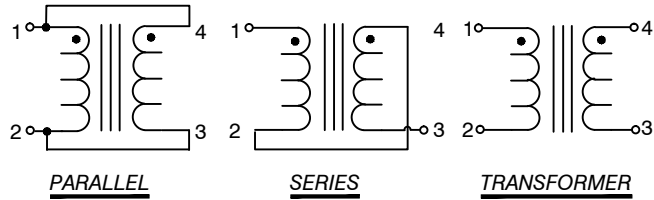


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6 AND REVISION WHERE SHOWN  
IF APPLICABLE MARK PART NUMBER

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

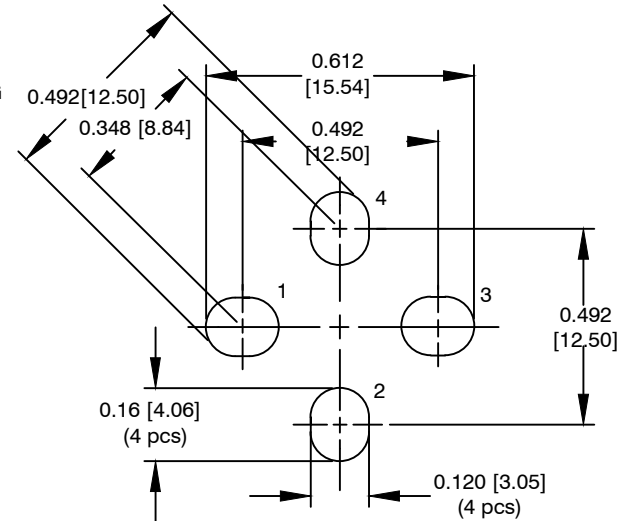
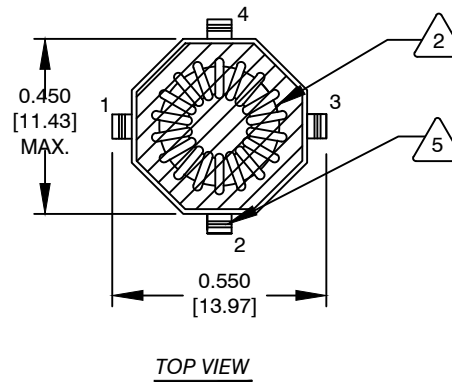
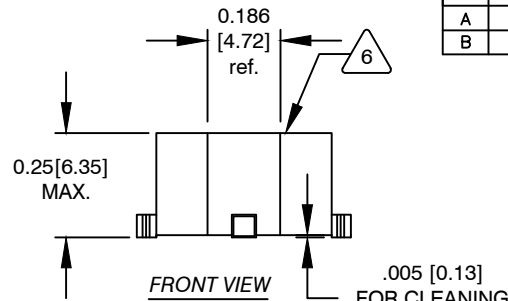
TO INSURE INTERGRITY OF WINDING SEPARATION  
HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.  
SERIES DCR= 0.187 OHMS MAX.  
SERIES FULL LOAD CURRENT = 1.25 AMPS. DC.  
SERIES FULL LOAD INDUCTANCE = 26.79 uH MIN.  
SERIES OPEN CIRCUIT INDUCTANCE = 39.53 uH @ ± 20 %  
PARALLEL DCR= 0.047 OHMS MAX.  
PARALLEL FULL LOAD CURRENT = 2.50 AMPS. DC.  
PARALLEL FULL LOAD INDUCTANCE = 6.70 uH MIN.  
PARALLEL OPEN CIRCUIT INDUCTANCE = 9.88 uH @ ± 20 %

3 SPECIFICATIONS:

2 WIRE: UL RECOGNIZED 130°C RATING MAGNET WIRE  
CWS BYTE MARK 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.



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	RJL	4/30/11	JLAU	4/30/11

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN	RPR	DATE	4/26/05	
DRAWN	JLAU	DATE	4/26/05	
CHECKED	JLAU	DATE	4/26/05	
ENGR.	KSUM	DATE	4/26/05	
APPR.	JLAU	DATE	04/28/11	
TITLE:		Parallel Series Inductor		
SIZE	DWG. NO.	CX10-4-IP		REV B
SCALE	NOT_TO_SCALE		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

CAD-FILE: