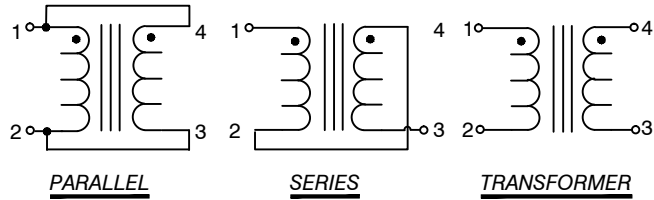


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6 AND REVISION WHERE SHOWN
IF APPLICABLE MARK PART NUMBER

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

4 CONSTRUCTION:

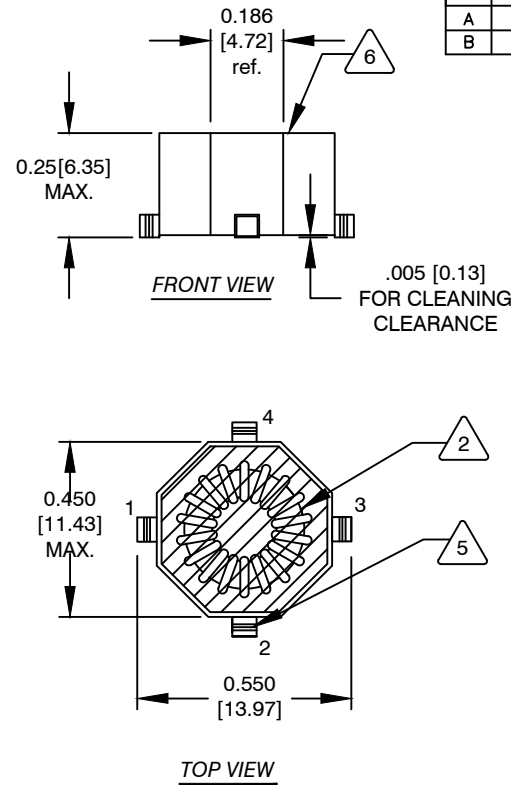
TO INSURE INTERGRITY OF WINDING SEPARATION
HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.
SERIES DCR= 0.131 OHMS MAX.
SERIES FULL LOAD CURRENT = 1.50 AMPS. DC.
SERIES FULL LOAD INDUCTANCE = 20.61 uH MIN.
SERIES OPEN CIRCUIT INDUCTANCE = 31.23 uH @ ± 20 %
PARALLEL DCR= 0.033 OHMS MAX.
PARALLEL FULL LOAD CURRENT = 3.00 AMPS. DC.
PARALLEL FULL LOAD INDUCTANCE = 5.15 uH MIN.
PARALLEL OPEN CIRCUIT INDUCTANCE = 7.81 uH @ ± 20 %

3 SPECIFICATIONS:

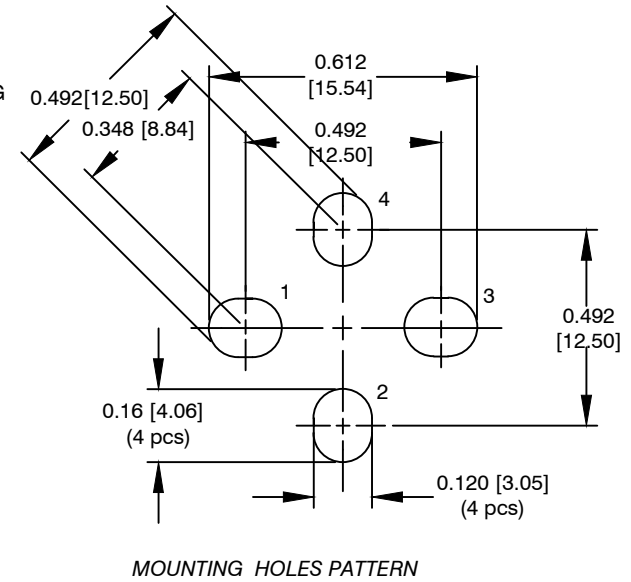
2 WIRE: UL RECOGNIZED 130°C RATING MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: TOROID

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

NOTES: UNLESS OTHERWISE SPECIFIED.



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		DATE	sales@coilws.com www.coilws.com	
DRAWN	RPR	4/26/05	Coil Winding Specialist, Inc. 353 W. Grove Avenue Orange, CA 92865	
CHECKED	JLAU	4/26/05	TITLE: Parallel Series Inductor	
ENGR.	KSUM	4/26/05		
APPR.	JLAU	04/28/11		
SIZE	DWG. NO.	CX8-4-IP		REV
B				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 $\angle=±0°30'$
 TOLERANCE METRICS:
 .XXX=±.254 .XX=±.38 $\angle=±0°30'$
 ANGLE PROJECTION
 DO NOT SCALE DRAWING