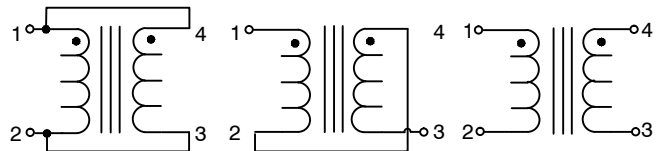


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PARALLEL

SERIES

TRANSFORMER

7 BUILD TO RoHS COMPLIANCE AND PB FREE

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 INTEGRITY OF WINDING SEPARATION  
HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.  
MAX DCR IS  $\pm 15\%$  OF TYPICAL VALUE.  
SERIES DCR= 0.0350 OHMS TYP @ 20 °C  
SERIES RMS CURRENT = 3.37 AMPS.  
PARALLEL: (1,4 - 3,2), SERIES: (1 - 3) TIE (2 - 4).  
@ 100 KHZ, 0.250 VRMS, 0.0 ADC,  
SERIES OPEN CIRCUIT INDUCTANCE = 7.90  $\mu$ H  $\pm 25\%$ ,

MAX DCR IS  $\pm 15\%$  OF TYPICAL VALUE  
PARALLEL DCR= 0.0090 OHMS TYP @ 20 °C,  
DELTA TEMP 40 °C, AMBIENT TEMP 85 °C.  
PARALLEL RMS CURRENT = 6.74 AMPS @  
PARALLEL (1,4 - 3,2), SERIES (1 - 3) TIE (2 - 4).  
@ 100 KHZ, 0.250 VRMS, 0.0 ADC,  
PARALLEL OPEN CIRCUIT INDUCTANCE = 1.98  $\mu$ H  $\pm 25\%$ ,  
PARALLEL RATED INDUCTANCE = 2.0  $\mu$ H

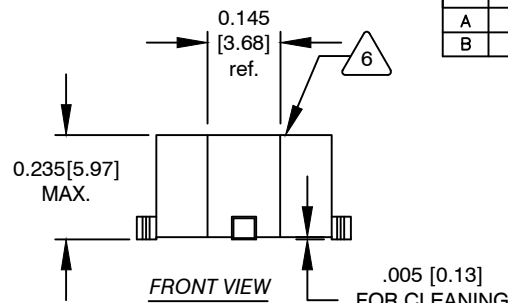
3 SPECIFICATIONS:

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

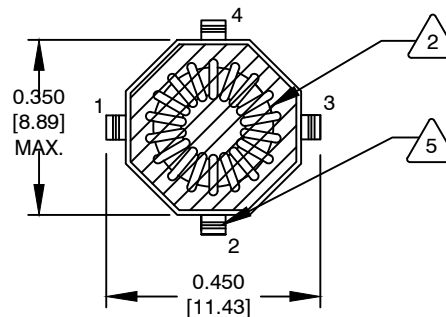
BOBBIN RATING CLASS B (130°C) REQUIRED

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.

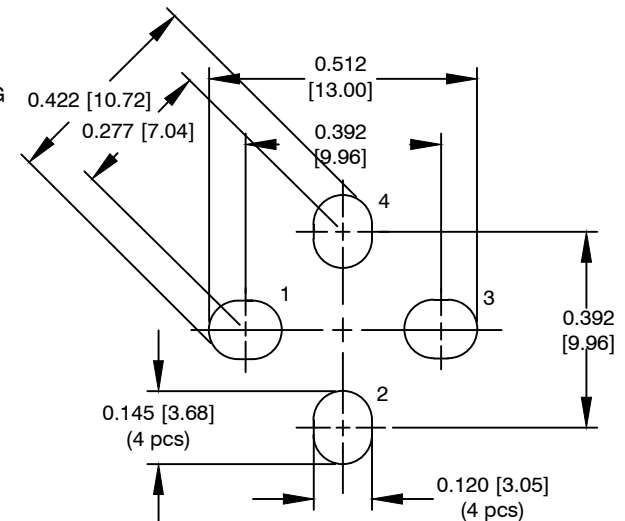


FRONT VIEW



TOP VIEW

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



MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD	X			
SOLIDWORKS				
SIGN	DATE			
DRAWN	RPR	4/26/05		
CHECKED	JLAU	4/26/05		
ENGR.	KSUM	4/26/05		
APPR.	JLAU	04/28/11		
		sales@coilws.com	Coil Winding Specialist, Inc.	
		www.coilws.com	353 W. Grove Avenue	
			Orange, CA 92865	
		TITLE: Parallel Series Inductor		
		SIZE DWG. NO.	CX2-2-HF	REV B
		SCALE	NOT_TO_SCALE	SHEET 1 OF 1