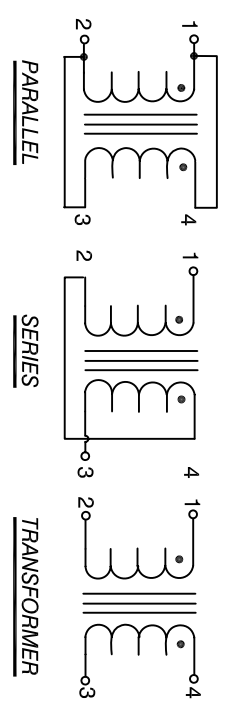


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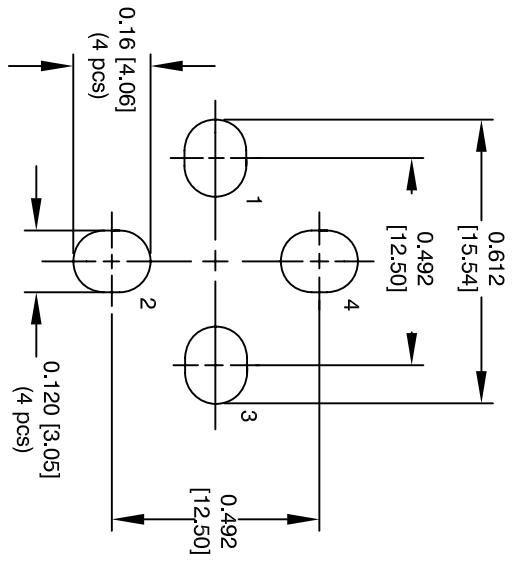
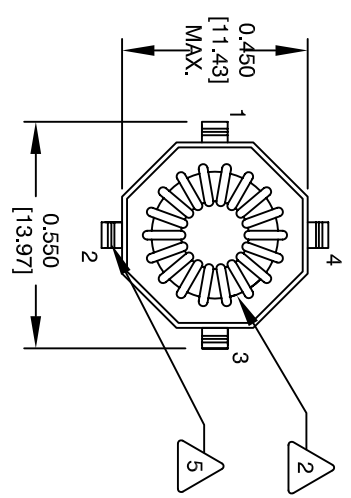
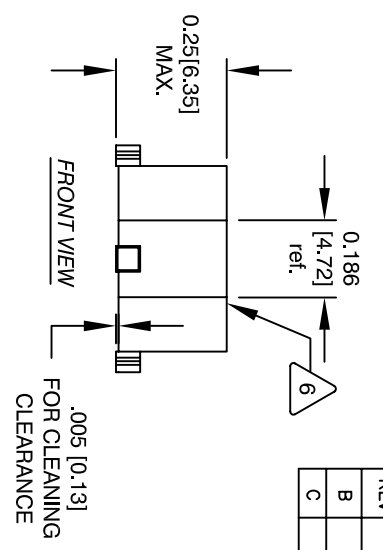
- 7 BUILD TO ROHS COMPLIANCE AND PB FREE AND REVISION WHERE SHOWN IF APPLICABLE MARK PART NUMBER
- 6 REMOVE INSULATION AND TIN LEADS
- 5 WIND ON TO CORE AND EVENLY SPACED CONSTRUCTION:

TO INSURE INTERGRITY OF WINDING SEPARATION HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.
 MAX DCR IS ± 15% OF TYPICAL VALUE.
 SERIES DCR = 0.418 OHMS TYP @ 20 °C
 SERIES RMS CURRENT = 1.03 AMPS.
 PARALLEL: (1 - 4 - 3 - 2); SERIES: (1 - 3) TIE (2 - 4).
 @ 100 KHZ, 0.250 VRMS, 0.0 ADC,
 SERIES OPEN CIRCUIT INDUCTANCE = 200.4 uH ± 25 %.

MAX DCR IS ± 15% OF TYPICAL VALUE
 PARALLEL DCR = 0.104 OHMS TYP @ 20 °C,
 DELTA TEMP 40 °C, AMBIENT TEMP 85 °C.
 PARALLEL RMS CURRENT = 2.05 AMPS @
 PARALLEL (1 - 4 - 3 - 2); SERIES (1 - 3) TIE (2 - 4).
 @ 100 KHZ, 0.250 VRMS, 0.0 ADC,
 PARALLEL OPEN CIRCUIT INDUCTANCE = 50.11 uH ± 25 %,
 PARALLEL RATED INDUCTANCE = 50.0 uH

- 3 SPECIFICATIONS:

WIRE: UL RECOGNIZED 130°C RATING MAGNET WIRE
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: TOROID
 BOBBIN RATING CLASS B (130°C) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
 NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



REVISION HISTORY		SIGN & DATE	
REV	ECN	BY	DATE
B		RPR	4/26/05
C		SN	4/29/11

.005 [0.13] FOR CLEANING CLEARANCE

TOP VIEW

MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD			
	SOLIDWORKS			
	SIGN	DATE		
	DRMNM	4/26/05		
	RPR	4/26/05		
	CHKD	4/26/05		
	JLJU	4/26/05		
	ENGR.	4/26/05		
	KSUM	4/26/05		
	APPR.	4/29/11		
	JLJU	4/29/11		
	SCALE	4=1		
	SIZE	DMG. NO.		
	B	CX50-4-HF		
	SHEET	1 OF 1		

Parallel Series Inductor

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