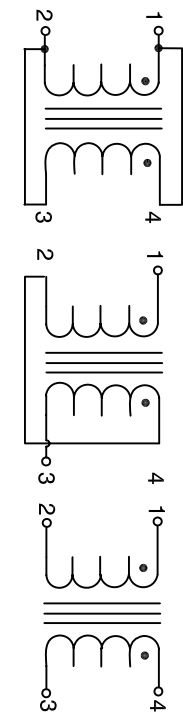
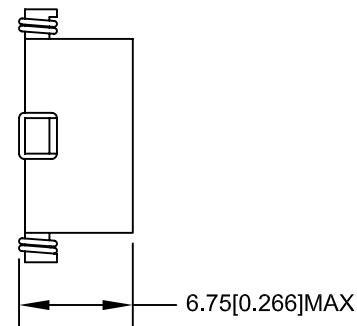


REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRELIMINARY DESIGN	RPR	4/20/05	JLAU	4/20/05
B		INITIAL PRODUCTION	RPR	4/26/05	JLAU	4/26/05
C		PIN ORIENTATION HAS BEEN CORRECTED. AND ADDED ROHS COMPLIANCE. UPDATE INFO.	KLC	9/1/11	AK	9/1/11



SIDE VIEW

PARALLEL

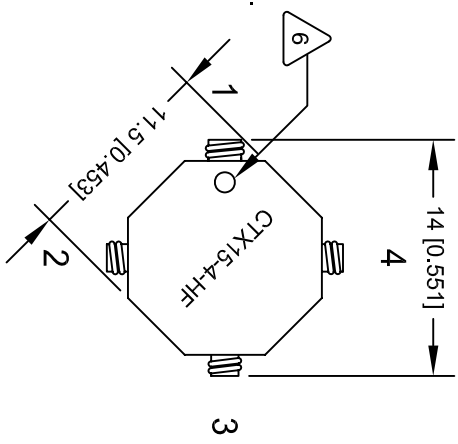
SERIES

TRANSFORMER

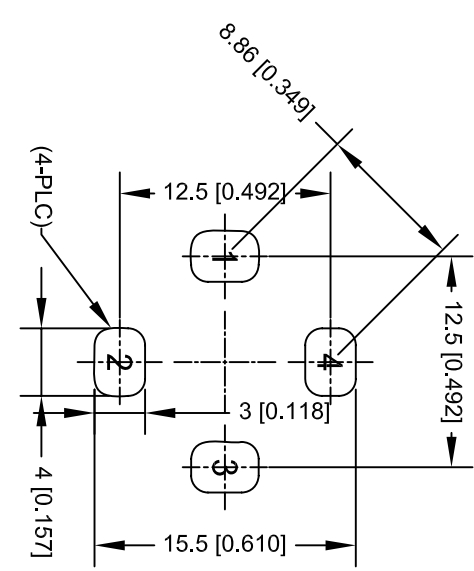
1  
2  
3  
4  
5  
6  
7  
8

CX15-4-HF REV B PRIOR TO SEPTEMBER 1, 2011.  
DO NOT USE THIS PART IF YOU HAVE PREVIOUSLY USED  
PLEASE VERIFY PIN ORIENTATION BEFORE USING.  
THIS PIN ORIENTATION IS DIFFERENT THAN CX15-4-HF REV B.

- 1 THIS PART IS ROHS COMPLIANCE
- 2 AND PIN #1 WHERE SHOWN
- 3 IF APPLICABLE MARK PART NUMBER
- 4 REMOVE INSULATION AND TIN LEADS
- 5 WIND ON TO CORE AND EVENLY SPACED
- 6 CONSTRUCTION:
- 7 TO INSURE INTERGRITY OF WINDING SEPARATION
- 8 HI-POT TEST FOR WINDING TO WINDING = 300 VDC MIN.



TOP VIEW



RECOMMENDED FOOTPRINT

MAX DCR IS ± 15% OF TYPICAL VALUE  
PARALLEL DCR = 0.029 OHMS TYP @ 20 °C,  
DELTA TEMP 40 °C, AMBIENT TEMP 85 °C.  
PARALLEL RMS CURRENT = 3.87AMPS @  
PARALLEL (1-4 - 3,2), SERIES (1 - 3) TIE (2 - 4).  
@ 100 KHZ, 0.250 VRMS, 0.0 ADC,  
PARALLEL OPEN CIRCUIT INDUCTANCE = 14.70 uH ± 25 %,  
PARALLEL RATED INDUCTANCE = 15.0 uH  
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.  
CAGE CODE: 5DMIE2

QTY	CODE	MFG. P/N	DESCRIPTION	ITEM NO.
	IDENT			
PARTS LIST				
AUTOCAD		www.coliws.com		
SOLIDWORKS		scales@coliws.com		
SIGN		353 W Grove Ave Orange, CA 92865, USA		
DATE	DATE	TITLE:		
4/20/05	4/20/05	Parallel Series Inductor		
ENGR:	KSUM	SIZE	ENG. NO.	REV
JLAU	JLAU	B	CX15-4-HF	C
APPR:	JLAU	SCALE	4=1	SHEET 1 OF 1
4/20/05				