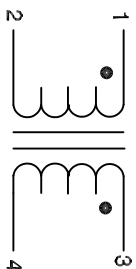
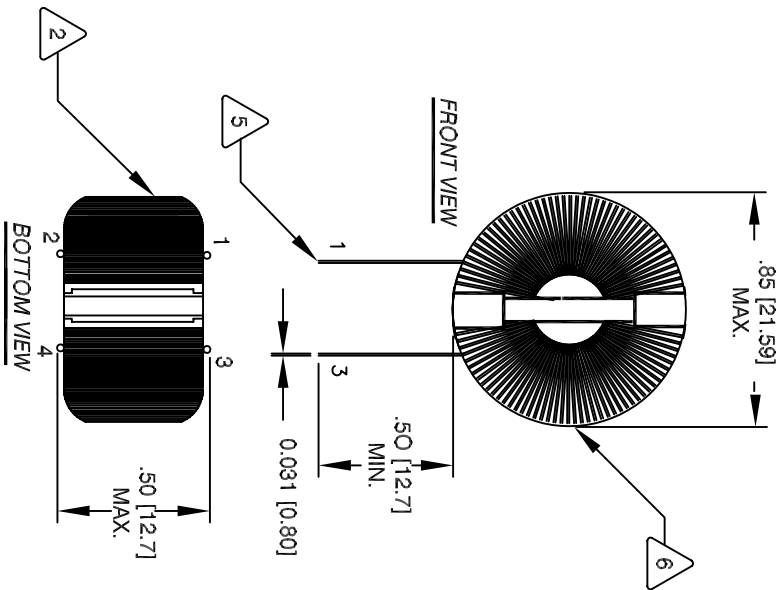
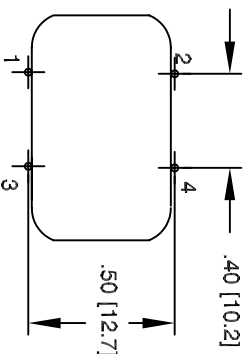


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REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK DATE
D		PRODUCTION RELEASE	RPR	9/09/04	JLAU 9/09/04



SCHEMATIC



MOUNTING HOLES PATTERN

- WHERE SHOWN, USING A PERMANENT MARKING METHOD IF APPLICABLE, MARK PART NUMBER AND REVISION
- 6
- FLUSH WITH THE COIL EDGE, AS SHOWN
- 5
- REMOVE INSULATION AND TIN LEADS
- WIND ON EACH SIDE OF CORE AND EVENLY SPACED
- 4
- CONSTRUCTION:
- TEST FREQUENCY = 10 kHz  
TEMP RANGE = -25 °C TO 120 °C  
MAX TEMP RISE = 35.5 °C  
TEST VOLTAGE = 2000 VAC, 1 MIN  
RATED VOLTAGE = 250 VAC OR VDC  
RATED CURRENT = 2.5 AMPS
- TOTAL DCR OF BOTH WINDINGS = 0.1115 OHMS MAX COMBINED  
L = 2.0 mH NOMINAL, 50 Hz - 400 kHz, 0.250 Vrms, 0 ADC  
INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
- 3
- SPECIFICATIONS AT 25 °C
- WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART
- 2
- CORE: FERRITE TOROID.
- 1
- BOBBIN RATING CLASS B (130°C) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, COMMON MODE CHOKE

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD		X		
SOLIDWORKS				
SIGN		DATE		
DRAWN		9/09/04		
RPR		9/09/04		
CHKD		9/09/04		
JLAU		9/09/04		
ENGR.		9/09/04		
KSUM		9/09/04		
APPR.		9/09/04		
JLAU		9/09/04		
DO NOT SCALE DRAWING				
SIZE		DWC. NO.		
B		LFV-202U-2.5A		
SCALE		2=1		
SHEET		1 OF 1		