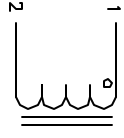


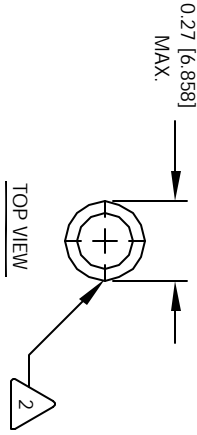
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REVISION HISTORY

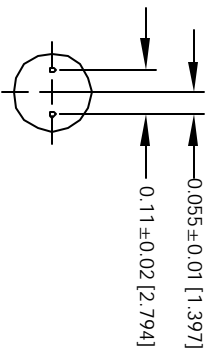
REV	ECN	DESCRIPTION	DATE	BY	CHK	DATE
A		PRODUCTION RELEASE	8/10/04	JLU		8/10/04



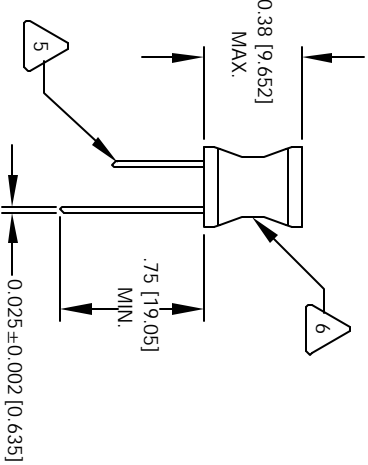
SCHEMATIC



TOP VIEW



MOUNTING HOLES PATTERN



FRONT VIEW

6 IF APPLICABLE, LABEL PART NUMBER AND VALUE

5 SOLDER WINDING TO TINNED LEADS

4 CONSTRUCTION:
COVER WINDINGS WITH UL APPROVED PVC TUBING
WIND WIRES TO ROD CORE, EVENLY SPACED.

3 SPECIFICATIONS OF POWER INDUCTOR:
SELF RESONANCE FREQUENCY (SRF) = 55 MHZ
MAX DC CURRENT = 480 MILLI-AMPS
DCR = 700 MILLI-OHMS MAX.
INDUCTANCE = 8.2 UH +.10% @ LOW DC BIAS, 1 KHZ, 250mV

2 WIRE: UL RECOGNIZED 130°C RATED MAGNET WIRE
CWS BYTE-MARK OR OTHER APPROVED PART
CORE: FERRITE ROD CORE, LOW LOSS MNZN

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

NOTES: UNLESS OTHERWISE SPECIFIED.

UNLESS OTHERWISE SPECIFIED
DRAWING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN NOTES AND DIMENSIONS
TOLERANCE INCHES: ±.0005, ±.015, ±.0005, ±.002, ±.0005, ±.002
TOLERANCE METERS: ±.0005, ±.002, ±.0005, ±.002
ANGLE PROJECTION: FIRST ANGLE
DO NOT SCALE DRAWING

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD SOLIDWORKS SIGN	X	COILS COM, INC WWW.COILS.COM	
DATE	DATE	CWS Coil Winding Specialist 1510 E. Edinger Ave Unit B, Santa Ana, CA 92705	
DRAWN: RFR	8/10/04	PARTS LIST	Power Inductor
CHKD: JLU	8/10/04		
ENGR: KSIUM	8/10/04		
APPR: JLU	8/10/04		
SIZE: DIM. IN.	SCALE: 1=1	R0612-8R2K	REV A
		SHEET 1 OF 1	