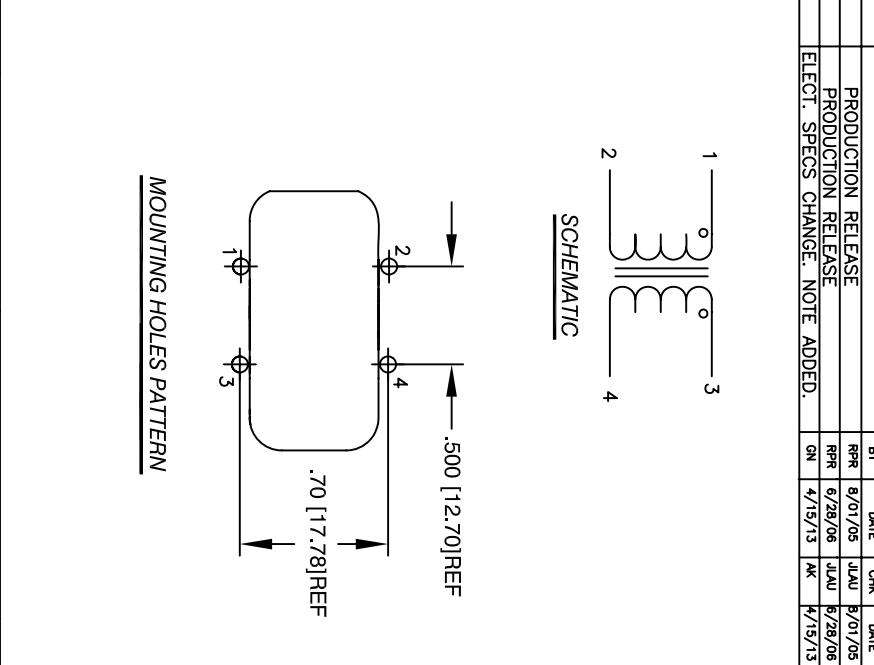
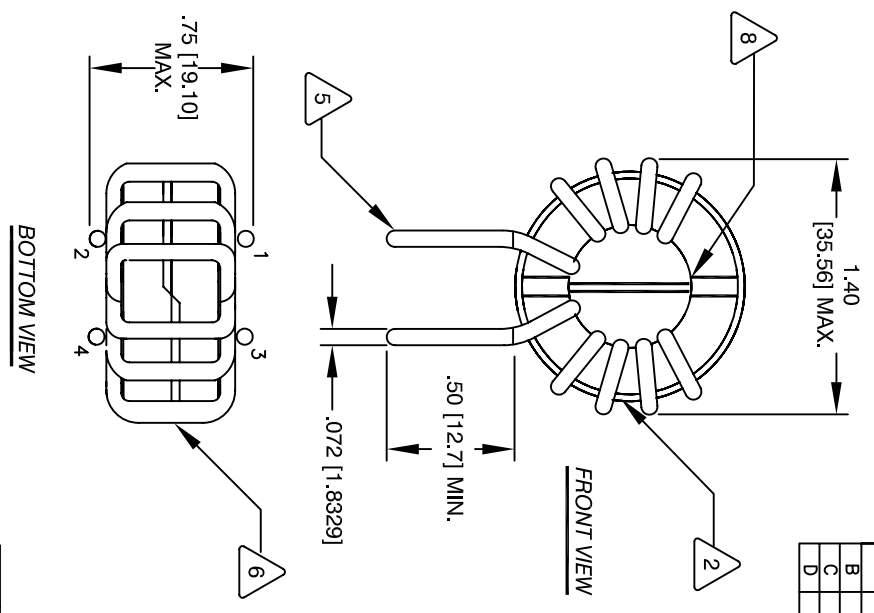


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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	RPR	8/01/05	JLJU	8/01/05
C		PRODUCTION RELEASE	RPR	8/28/06	JLJU	8/28/06
D		ELECT. SPECS CHANGE. NOTE ADDED.	GN	4/15/13	AK	4/15/13

- 8 ADD EPOXY TO HOLD SPACER ON BOTH SIDES
- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
- 6 WHERE SHOWN, USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION IN APPROX
- 5 FLUSH WITH THE COIL EDGE, AS SHOWN
- 4 REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH WIND ON EACH SIDE TO CORE AND EVENLY SPACED CONSTRUCTION:
 WEIGHT = 31.5 GRAMS
 TEMP RANGE = -25 °C TO 120°C
 MAX TEMP RISE = 33 °C
 TEST VOLTAGE = 2000 VAC, 1 MIN.
 SRF = 1.56 MHZ TYP
 IMPEDANCE = 800 OHMS @ 1.56 MHZ
 INTERWINDING CAPACITANCE = 54.7 pF @10 KHZ
 LEAKAGE INDUCTANCE = 1.42 uH TYP @ 10KHZ, 1Vrms
 DCR ON EACH WINDING = 3.4 MILLIOHMS
 RATED VOLTAGE = 250 VAC OR VDC
 RATED CURRENT = 20 AMPS
 L = 0.15 mH MIN., 10KHZ, 250 mV, 0 ADC
 INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
 SPECIFICATIONS AT 25°C:



- 3 APPROVED PART
 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
 CWS BYTEMARK OR OTHER APPROVED PART
 CORE: FERRITE TOROID, HIGH PERM MNZN
 - 2 BOBBIN RATING CLASS B (200°) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD			
	SOLIDWORKS			
	SIGN			
	DATE			
	DRWING	8/01/05		
	RPR	8/01/05		
	JLJU	8/01/05		
	ENGR.	8/01/05		
	KSUM	8/01/05		
	APPR.	8/01/05		
	JLJU	8/01/05		
	SIZE	DWG. NO.		
	B	HL-V-151U-20A		REV D
	SCALE	2=1		SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED
 DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].
 TOLERANCE INCHES: .XX=±.015 .X=±.030 .XXX=±.005 .XX=±.015
 TOLERANCE METRICS: .XX=±.38 .X=±.76 .XXX=±.127 .XX=±.25
 ANGLE PROJECTION
 DO NOT SCALE DRAWING

Common Mode Chokes
 Vertical Mount

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