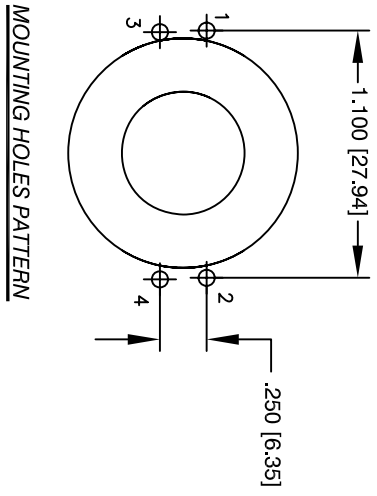
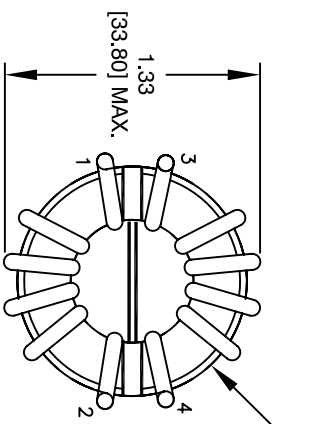
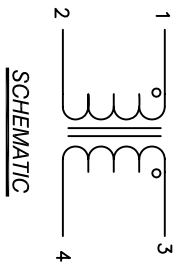
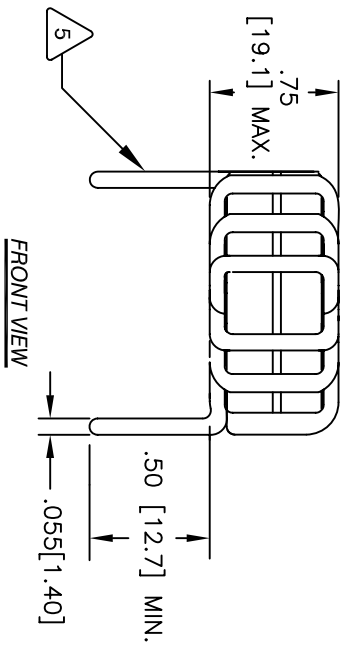


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REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RCL	7/13/11	JLAW	7/13/11



- 6 BUILT TO ROHS COMPLIANCE AND LEAD FREE.
PACKAGING BOX
MARK PART NUMBER AND REVISION ON
 - 5 FLUSH WITH THE COIL EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH
 - 4 WIND ON EACH SIDE TO CORE AND EVENLY SPACED
CONSTRUCTION:
WEIGHT = 33 GRAM TYP.
TEMP RANGE = -40 °C TO 130°C
MAX TEMP RISE = 38 °C
TEST VOLTAGE = 2000 VAC, 1 MIN.
LEAKAGE INDUCTANCE = 4.34 uH TYP. @ 10 KHZ
SRF = 1.3 MHZ TYP.
IMPEDANCE = 1.2 KIL-OHMS @ SRF
INTERWINDING CAPACITANCE = 30 pF TYP. @ 10 KHZ
TOTAL DCR OF BOTH WINDINGS = 15.4 MILLI-OHMS COMBINED.
RATED VOLTAGE = 250 VAC OR VDC
RATED CURRENT = 10 AMPS
L = 0.5 mH MIN., 10 KHZ, 0.250 Vrms, 0 Amps DC
INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
SPECIFICATIONS AT 25°C:
 - 3 APPROVED PART
WIRE: UL RECOGNIZED 155°C OR HIGHER RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: FERRITE TOROID, HIGH PERM MNZN
 - 2 BOBBIN RATING CLASS B (130°) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP
CAGE CODE = 5DMEZ

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD			
	SOLIDWORKS			
	SIGN			
	DATE			
	DRWN			
	RCL	7/13/11		
	CHKD	7/13/11		
	ENGR	7/13/11		
	APPR	7/13/11		
	JLAW			
	JLAW			
	APPR			
	JLAW			
	SCALE	NOT TO SCALE		
	SHEET	1 OF 1		

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS].
TOLERANCE INCHES: ϕ = ±0.30
XXX = ±.005 XX = ±.015 ϕ = ±0.30
XXX = ±.125 XX = ±.25

DO NOT SCALE DRAWING

TITLE: Common Mode Line Filter
500 uH, 10 Amp, Horizontal

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SIZE: Dwg. No.
HL-H-501U-10A