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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	GN	7/8/11	JL/AU	7/8/11

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE

6 WHERE SHOWN, USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION

5 FLUSH WITH THE COIL EDGE, AS SHOWN
REMOVE INSULATION AND TIN LEADS APPROX. 0.5 INCH

WIND ON EACH SIDE TO CORE AND EVENLY SPACED

4 CONSTRUCTION:

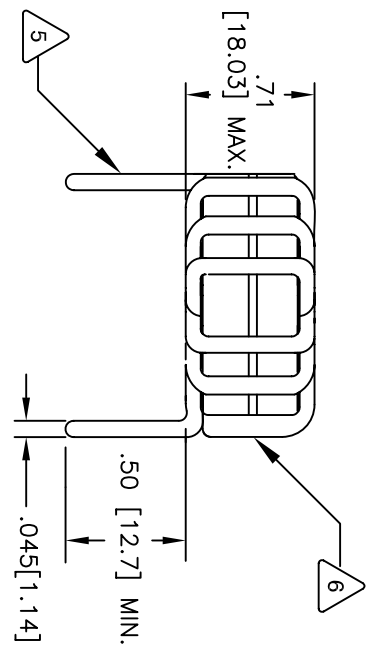
- WEIGHT = 30 GRAMS TYP.
- OPERATING TEMP. RANGE = -25 °C TO 120°C
- MAX TEMP RISE = 40 °C
- INTERWINDING CAPACITANCE = 3.85 pF AT 10 KHZ
- IMPEDANCE = 1.2 KIL-OHM @ SRF
- SRF = 3.0 MHZ
- LEAKAGE INDUCTANCE = 5.0 uH @ 10 KHZ, 1Vrms
- TEST VOLTAGE = 2000 VAC, 1 MIN.
- DCR ON EACH WINDING = 10.0 MILLI-OHMS MAX
- RATED VOLTAGE = 250 VAC OR VDC
- RATED CURRENT = 9 AMPS
- L = 560 mH MIN., 50 Hz - 400 KHz, 0.250 Vrms, 0 ADC
- INSULATION RESISTANCE = 100 MEGA-OHMS MIN. @ 500 VDC
- SPECIFICATIONS AT 25°C:

APPROVED PART

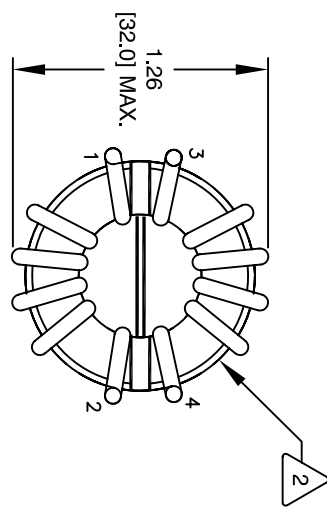
WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: FERRITE TOROID, HIGH PERM MNZN

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

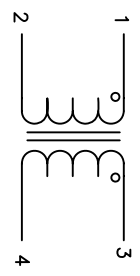
NOTES: UNLESS OTHERWISE SPECIFIED. READ FROM BOTTOM UP.



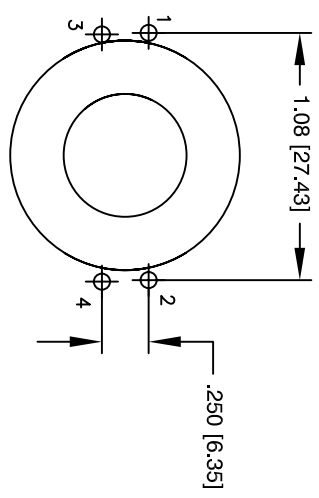
FRONT VIEW



BOTTOM VIEW



SCHEMATIC



MOUNTING HOLES PATTERN

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	

UNLESS OTHERWISE SPECIFIED	DRAWN	DATE	TITLE:
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]	GN	7/8/11	Common Mode Chokes
TOLERANCE INCHES: .XX = ±.015	CHKD	7/8/11	Horizontal Mount
.XXX = ±.005	ENGR.	7/8/11	
TOLERANCE METRICS: .X = ±.030	JL/AU	7/8/11	
.XX = ±.127	APPR.	7/8/11	
.X = ±.38			
ANGLE PROJECTION			
DO NOT SCALE DRAWING			

SIZE	DWG. NO.	REV
B	HL-H-801U-9A	A