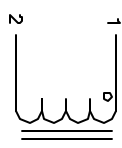


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REVISION HISTORY			
REV	ECN	DESCRIPTION	DATE
A		PRODUCTION RELEASE	2/9/04



SCHEMATIC

- 6 USING A PERMANENT MARKING METHOD  
 MARK PART NUMBER AND REVISION, IF APPLICABLE  
 IF NEEDED, WRAP INDUCTOR WITH GLASS TAPE

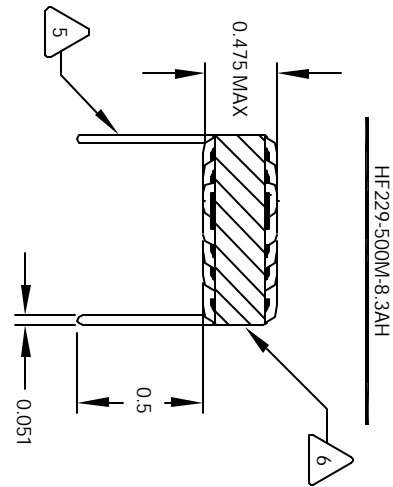
- 5 TO THE CORE  
 MUST REST FLAT ON PCB. LEADS MUST BE TANGENT  
 FLUSH WITH THE COIL EDGE. AS SHOWN (I.E. COIL  
 REMOVE INSULATION AND TIN LEADS 0.5 INCH

- 4 WIND COILS EVENLY SPACED AROUND THE CORE  
 CONSTRUCTION:

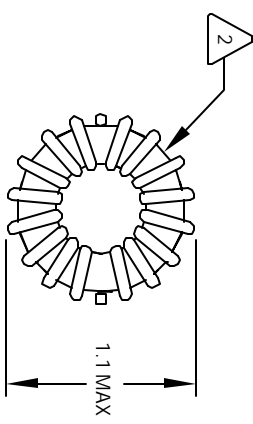
- 3 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN  
 CURRENT RATING : 8.3 AMPS, 40 °C TEMP. RISE, NO AIR FLOW  
 DCR 22.0 MILLIOHMS MAX.  
 DC BIASED = 8.3 AMPS, INDUCTANCE = 40 UH  
 DC BIASED = 12.0 AMPS, INDUCTANCE = 40 UH  
 INDUCTANCE = 50 UH +10% @ LOW DC BIAS, 1 KHz, 250mV  
 SPECIFICATIONS:

- 2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE  
 CWS BYTE-MARK OR OTHER APPROVED PART  
 CORE: COATED HIGH FLUX TOROIDAL CORE

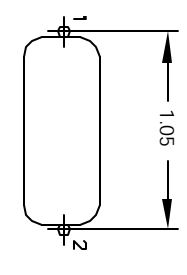
- 1 RATING CLASS B (130°C MIN.) REQUIRED  
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: TOROIDAL POWER CHOKES. ALL DIMENSIONS IN INCHES



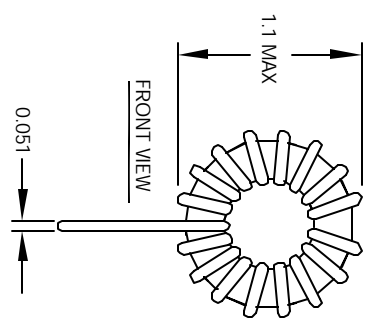
FRONT VIEW



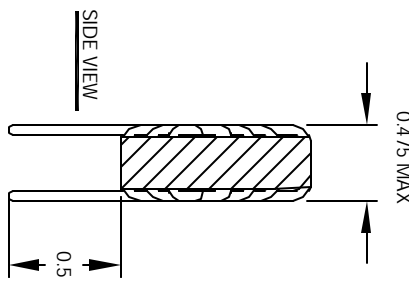
BOTTOM VIEW



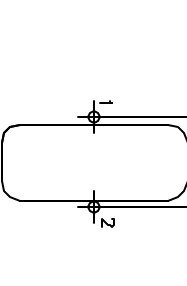
MOUNTING HOLES PATTERN



FRONT VIEW



SIDE VIEW



MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
		<b>PARTS LIST</b>	
AUTOCAD	X	CWS Coil Winding Specialist.	
SOLIDWORKS		1510 E. Edinger Ave.	
SIGN	DATE	Unit B, Santa Ana, CA 92705	
WWW.COWS.COM			
DRAWN	DATE	TITLE:	
TKK	2/8/04	<b>Toroidal Power Chokes</b>	
DRG	2/9/04	<b>Toroid Inductor</b>	
CHK	3/6/04		
APPR.	3/8/04	SIZE (DIM. IN.)	
JLAW		<b>B</b>	
		HF229-500M-8.3A	REV B
		SCALE <b>2=1</b>	SHEET 1 OF 1