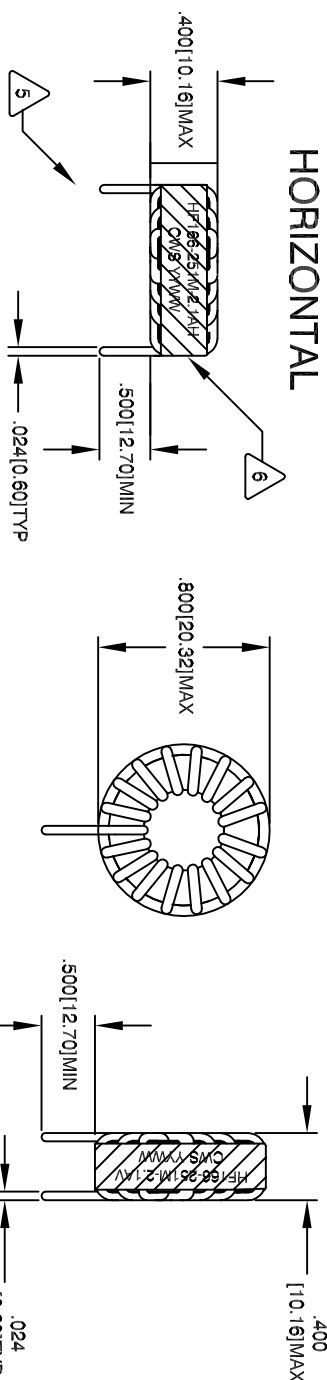


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* ADD SUFFIX "H" FOR HORIZONTAL
AND SUFFIX "V" FOR VERTICAL

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	DATE
B		INITIAL RELEASE	TDK	2/9/04	JLJU 2/9/04
C		UPDATE DIMENSIONAL TOLERANCE	KLC	9/7/10	AK 9/7/10



- 7 BUILD TO ROHS COMPLIANCE
- USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION, IF APPLICABLE
WRAP INDUCTOR WITH 3M # 79 OR EQUAL

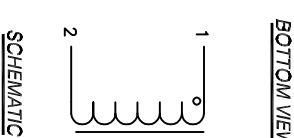
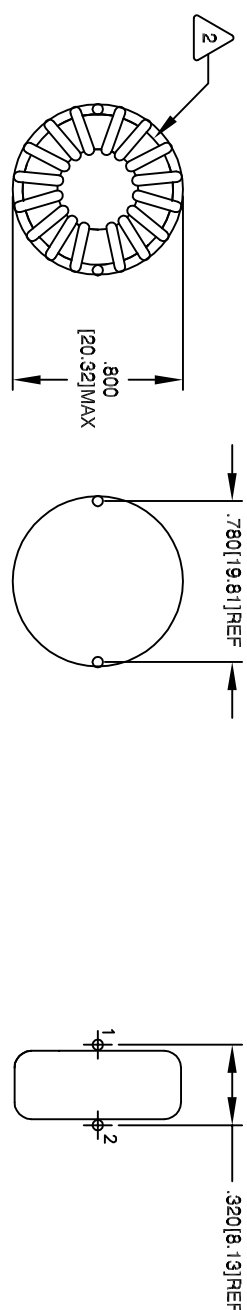
- 6 TO THE CORE
MUST REST FLAT ON PCB, LEADS MUST BE TANGENT
FLUSH WITH THE COIL EDGE, AS SHOWN (I.E. COIL
REMOVE INSULATION AND TIN LEADS 0.50 INCH
- 5 WIND COILS EVENLY SPACED AROUND THE CORE
CONSTRUCTION:

- 4 THESE SPECIFICATIONS ARE BASED ON LOW RIPPLE CURRENT
WEIGHT: ~ 8 GRAM
RECOMMENDED OPERATING TEMP: -40°C to 125°C
HI-POT TEST FOR WINDING TO CORE ISOLATION = 1250 VDC 5 SEC
CURRENT RATING : 2.1 AMPS, 40 °C TEMP. RISE, NO AIR FLOW
DCR = 160 MILLI-OHMS MAX.
INDUCTANCE @ 2.1 AMP ~ 212 uH (LESS THAN 10% RIPPLE)
INDUCTANCE @ 3.0 AMP ~ 190 uH (LESS THAN 10% RIPPLE)
INDUCTANCE = 250 uH ± 15% @ LOW DC BIAS, 1 KHz, 250mV
SPECIFICATIONS:

- 3 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTE-MARK OR OTHER APPROVED PART
CORE: POWDERED TOROIDAL CORE

- 2 RATING CLASS F (155°C MIN.) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP



MOUNTING HOLES PATTERN

MOUNTING HOLES PATTERN

CODE		MFG. P/N		DESCRIPTION		ITEM NO.	
IDENT							
AUTOCAD		X		PARTS LIST			
SOLIDWORKS				COWLS.COM INC		353 W Grove Ave	
SIGN		DATE		WWW.COWLS.COM		Orange, CA 92865	
DRAWN		DATE		TITLE:			
TDK		2/9/04		POWER INDUCTOR			
JLJU		2/9/04		250 uH, 2.1 Amp			
ENGR.		2/9/04					
KSLJM		2/9/04					
APPR.		2/9/04					
JLJU		2/9/04					
DO NOT SCALE DRAWING							