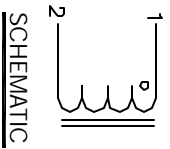


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REVISION HISTORY

REV	ECN	DESCRIPTION	SRN & DATE	CHK	DATE
A		PRODUCTION RELEASE	TKK	7/22/04	TKK

- 6 USING PERMANENT MARKING METHODS  
IF REQUIRED, MARK CWS PART NUMBER



- 5 LEADS MUST BE CO-PLANAR WITH FLAT SURFACE  
REMOVE INSULATION, TIN LEADS SECTION THAT WRAP AROUND BOBBIN

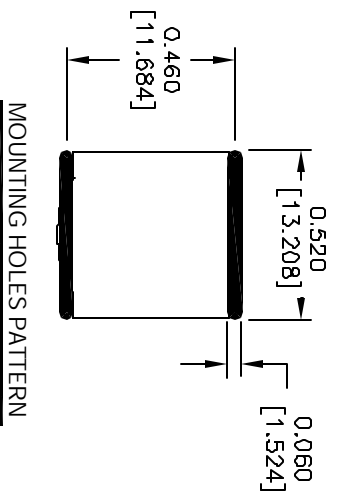
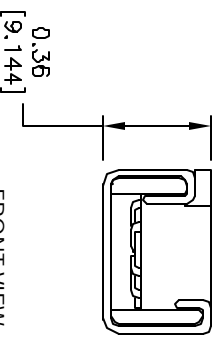
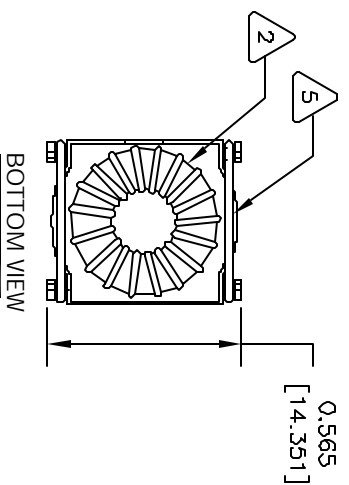
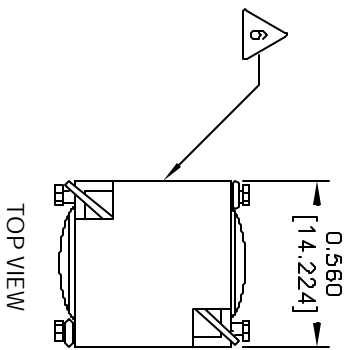
- 4 WIND COILS EVENLY SPACED  
CONSTRUCTION:

HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC MIN  
SRF = 2.5 MHz MIN.  
CURRENT RATING = 1.05 AMPS, 40 °C TEMP. RISE, NO AIR FLOW  
DCR = 360.0 MILLI-OHMS

- 3 DC BIAS OF 1.1 AMPS, INDUCTANCE = 200.0 UH  
L = 250 uH ± 10 % @ LOW DC BIAS, 1 KHz; 250 mV  
SPECIFICATIONS:

- 2 WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE  
CWS BYTEMARK OR OTHER APPROVED PART  
CORE: COATED HIGH FLUX TOROID

1. RATING CLASS B (130°C MIN.) REQUIRED  
MATERIAL: UL RECOGNIZED 94V-0 FLAMMABILITY  
NOTES: SURFACE MOUNT INDUCTOR



CODE	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X		
SOLIDWORKS			
SKIN	DATE		
DRAWN	7/22/04		
CHKD	7/22/04		
ENGR	7/22/04		
APPR	7/22/04		
ILLU	7/22/04		

SIZE	SCALE	TITLE	REV
B	1=1	Surface Mount Power Chokes	A
			SHF102-251M-1.1A
			REV A

UNLESS OTHERWISE SPECIFIED  
TOLERANCE PER ANSI Y14.3M  
ALL DIMENSIONS ARE IN INCHES  
AND DIMENSIONS:  
TOLERANCE INCHES:  $\phi$  = ±0.005  
X.XX = ±0.010  
X.XXX = ±0.015  
TOLERANCE METRCS:  $\phi$  = ±0.025  
X.XX = ±.127 X.XX = ±.254  
ANGULAR PROJECTION  $\phi$   $\phi$   
DO NOT SCALE DRAWING

CODE	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
COILS COM, INC			
WWW.COILS.COM			
CWS Coil Winding Specialist, 1510 E. Edinger Ave., Vnk. Bl. Santa Ana, CA, 92705			