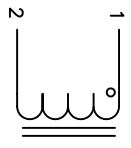
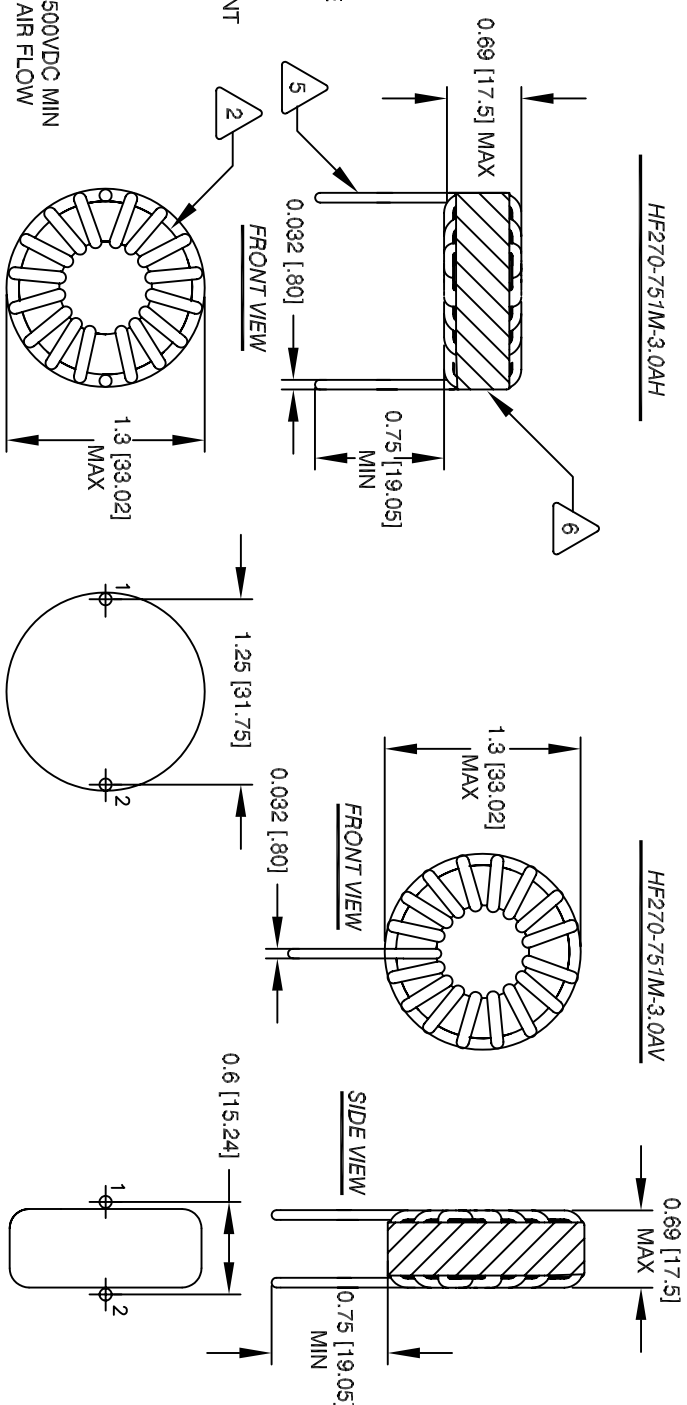


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SCHEMATIC

REVISION HISTORY		SIGN & DATE	
REV	ECN	DESCRIPTION	DATE
A		PRODUCTION RELEASE	2/09/04
B		REVISED DIMENSIONS, DCR	2/9/04
C		ADD ROHS COMPLIANCE	11/12/08



- 1 BUILD TO ROHS COMPLIANCE AND LEAD FREE
- 2 USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION, IF APPLICABLE IF NEEDED, WRAP INDUCTOR WITH GLASS TAPE TO THE CORE
- 3 MUST REST FLAT ON PCB. LEADS MUST BE TANGENT FLUSH WITH THE COIL EDGE AS SHOWN (I.E. COIL REMOVE INSULATION AND TIN LEADS 0.75 INCH
- 4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:
- 5 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN CURRENT RATING : 3.0 AMPS, 40 °C TEMP. RISE, NO AIR FLOW DCR = 180.0 MILLI-OHMS MAX. DC BIASED = 3.0 AMPS, INDUCTANCE = 619 UH DC BIASED = 4.0 AMPS, INDUCTANCE = 600 UH INDUCTANCE = 750 UH +/-10% @ LOW DC BIAS, 1 KHZ, 250mV SPECIFICATIONS:
- 6 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK OR OTHER APPROVED PART CORE: COATED HIGH FLUX TOROIDAL CORE
- 7 RATING CLASS B (130°C MIN.) REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
<b>PARTS LIST</b>			
AUTOCAD SOLIDWORKS	X	<b>COLLWS COM, INC</b>	
SIGN	DATE	CWS Coil Winding Specialist 353 W. Grove Ave. Orange, CA 92865	
DRWN: TKK	2/8/04	TITLE: Toroidal Power Choke	
CHKD: JLAU	2/9/04	Toroid Inductor	
ENGR: KSUM	3/5/04	SIZE Dwg. No.	HF270-751M-3.0A
APPR: JLAU	3/6/04	SCALE	2=1
DO NOT SCALE DRAWING			REV C