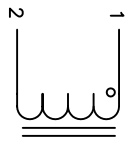


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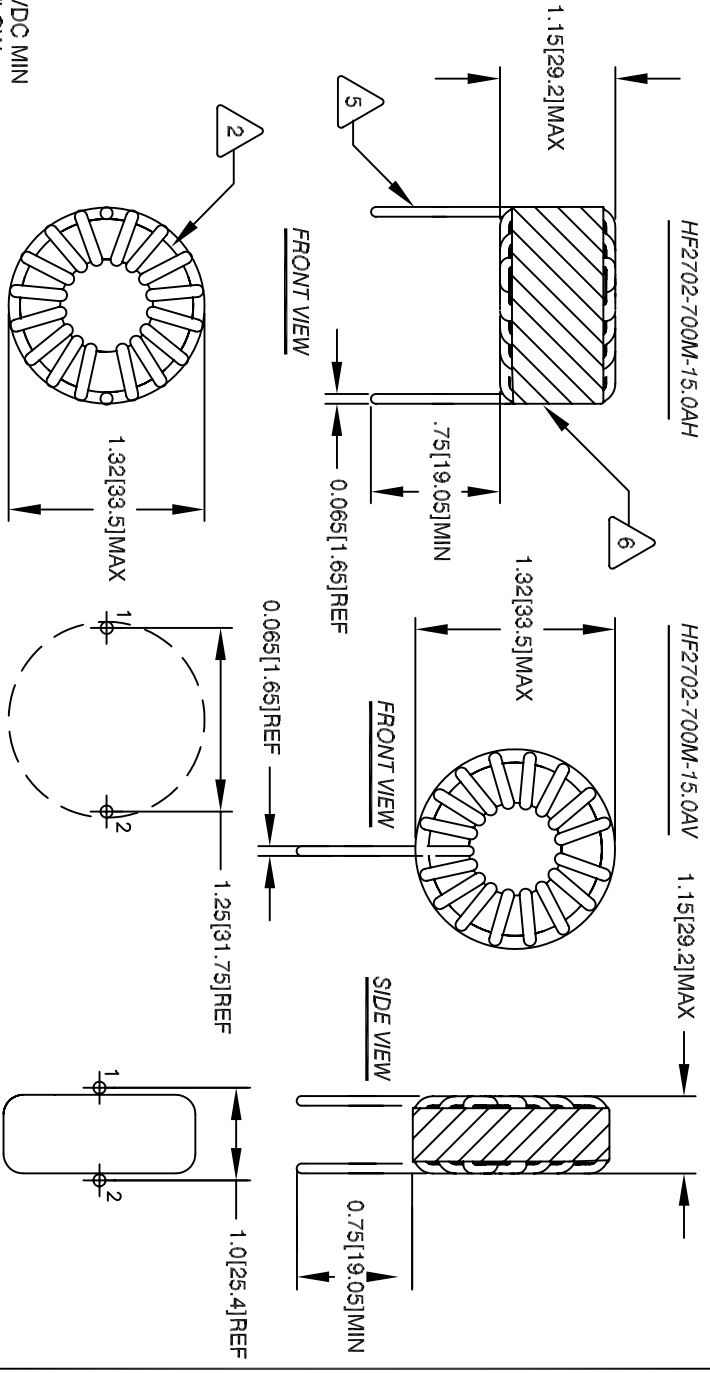
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	KLC	9/5/08	RL	7/22/08



SCHEMATIC

- 1 BUILD TO ROHS COMPLIANCE - LEAD FREE
- 2 A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION USING WRAP INDUCTOR WITH GLASS OR MYLAR TAPE
- 3 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 0.75 INCH MIN
- 4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:
- 5 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN CURRENT RATING: 15 AMPS, 25 °C TEMP. RISE, NO AIR FLOW DCR = 9.0 MILLI-OHMS MAX. DC BIASED = 10.0 AMPS, INDUCTANCE = 53 UH DC BIASED = 15.0 AMPS, INDUCTANCE = 46 UH INDUCTANCE = 70 UH ±15% @ 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



MOUNTING HOLES PATTERN (HORIZONTAL)

MOUNTING HOLES PATTERN (VERTICAL)

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	CWS Coil Winding Specialist 353 WEST GROVE ORANGE, CA 92865	
KLC	9/5/08	TITLE: Toroidal Power Inductor	
RL	9/5/08	70 UH, 15 Amp	
KLC	9/5/08	SIZE DWG. NO.	REV
APPR.	9/5/08	B HF2702-700M-15.0A	A
KLC		SCALE	SHEET 1 OF 1
		2=1	

NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES