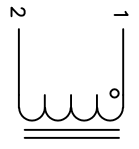


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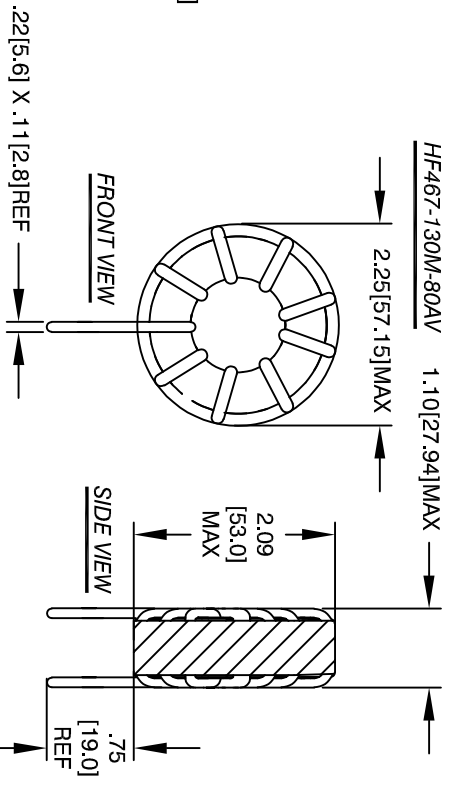
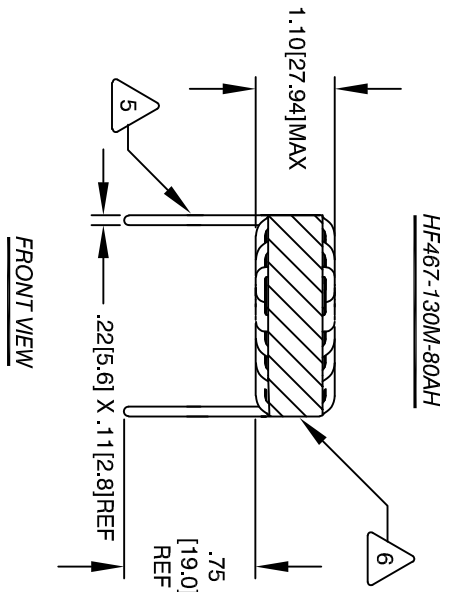
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	GN	4/09/09	AM	07/23/09
B	102923	REVISED OD AND HEIGHT SPEC.	TN	10/25/23	JL	10/25/23



SCHEMATIC

- 7 BUILD TO ROHS COMPLIANCE
- 6 USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION, IF APPLICABLE WRAP INDUCTOR WITH 3M 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 0.75 INCH

- 4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

- 3 H-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN CURRENT RATING : 80 AMPS, 45 °C TEMP. RISE, NO AIR FLOW DCR = 2.0 MILLI-OHMS MAX. DC BIASED = 80 AMPS, INDUCTANCE = 9 UH DC BIASED = 20 AMPS, INDUCTANCE = 12 UH INDUCTANCE = 13 UH ±15% @ LOW DC BIAS, 1 KHz, 250mv SPECIFICATIONS:

- 2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CWS BYTEMARK 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 INDUCTOR. ALL DIMENSIONS IN INCHES [MM]

FRONT VIEW

FRONT VIEW

SIDE VIEW

BOTTOM VIEW

MOUNTING HOLES PATTERN

MOUNTING HOLES PATTERN

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
TOLERANCE INCHES:	XXX±.000 X.XX±.015
XXXX±.000 X.XX±.015	XX±.000 X.XX±.015
ANGLE PROJECTION	DO NOT SCALE DRAWING

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
AUTOCAD	X			
SOLIDWORKS				
SIGN	DATE			
DRAWN	KLC	07/23/09		
REVD	AM	07/23/09		
ENGR.	KLC	07/23/09		
APPR.	KLC	7/23/09		

TITLE:		PARTS LIST	
Toroidal Power Inductor		CWS Coil Winding Specialist.	
13 UH, 80 Amp		353 W Grove Ave	
		Orange, CA 92865	
SIZE	DRG. NO.	SCALE	NOT TO SCALE
B	HF467-130M-80A		
REV	B	SHEET	1 OF 1