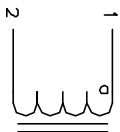


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SCHEMATIC

7 BUIL TO ROHS COMPLIANCE AND LEAD FREE.

6 USING A PERMANENT MARKING METHOD MARK PART NUMBER AND REVISION, IF APPLICABLE IF NEEDED, WRAP INDUCTOR WITH GLASS 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 0.5 INCH

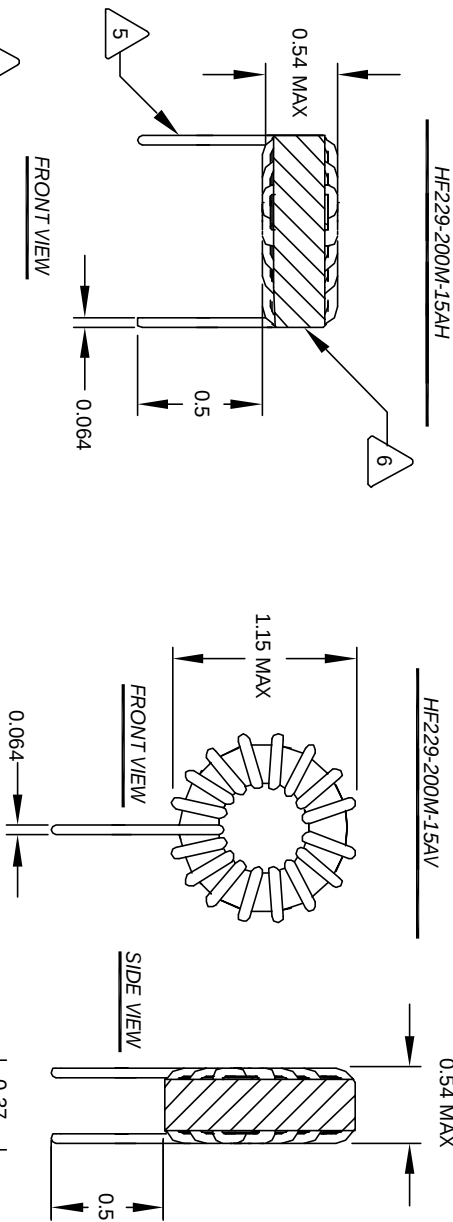
4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

3 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN
CURRENT RATING : 15 AMPS, 40 °C TEMP. RISE, NO AIR FLOW
DCR = 8.0 MILLI-OHMS MAX.
DC BIASED = 15.0 AMPS, INDUCTANCE = 16 UH
DC BIASED = 14.7 AMPS, INDUCTANCE = 16 UH
INDUCTANCE = 20 UH + -10% @ LOW DC BIAS, 1 KHz, 250mV
SPECIFICATIONS @ 25°C

2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: COATED HIGH FLUX TOROIDAL CORE

RATING CLASS B (130°C MIN.) REQUIRED
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES
READ FROM BOTTOM UP.

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	DATE
C		PRODUCTION RELEASE	TDK	1/17/06	1/17/06



BOTTOM VIEW

MOUNTING HOLES PATTERN

MOUNTING HOLES PATTERN

CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD	X			
SOLIDWORKS				
SIGN	DATE			
DRAWN	TDK	1/17/06		
DESIGNED	JLAU	1/17/06		
ENGR.	KSUM	1/17/06		
APPR.	JLAU	1/17/06		
TITLE				
Toroidal Power Chokes				
Toroid Inductor				
SIZE				
B				
HF229-200M-15A				
SCALE				
2=1				
SHEET 1 OF 1				