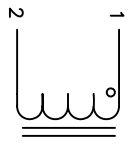


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

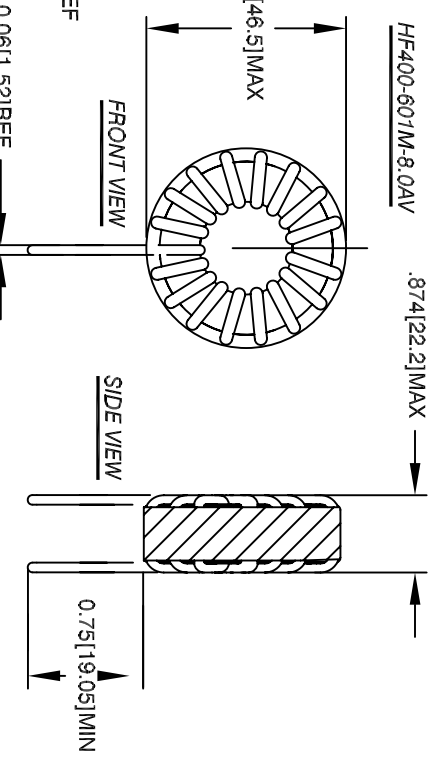
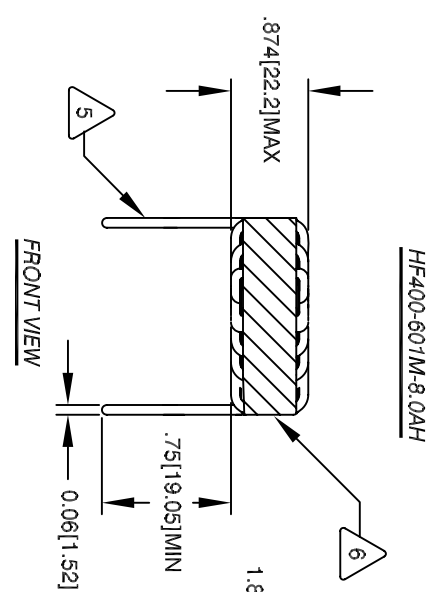
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
--		INITIAL PRODUCTION RELEASE	KLC	8/6/08	RL	8/6/08

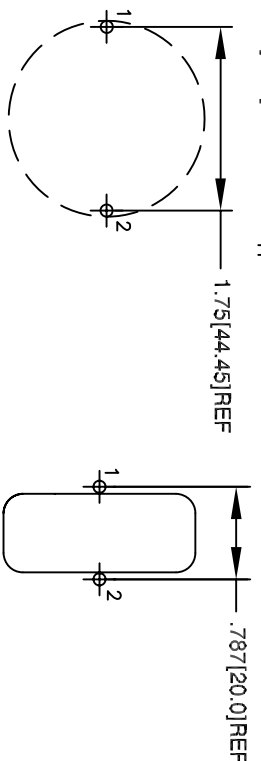
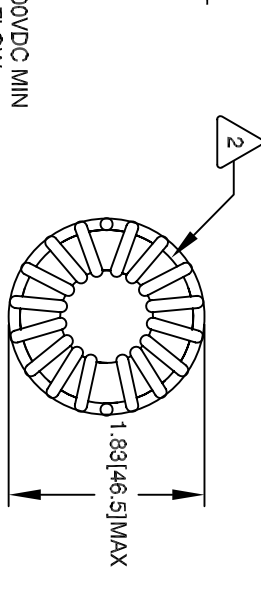


SCHEMATIC

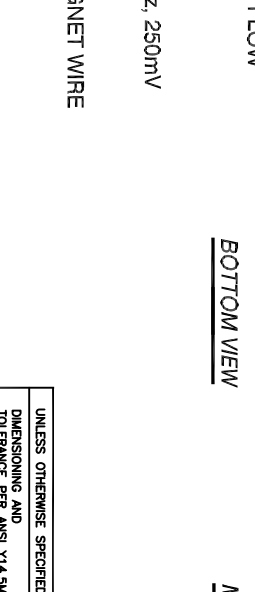
- 1
- 2
- 3
- 4
- 5
- 6
- 7



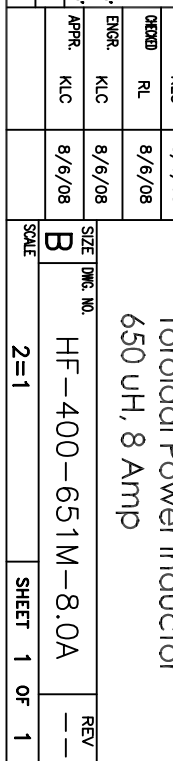
- 1
- 2
- 3
- 4
- 5
- 6
- 7



- 1
- 2
- 3
- 4
- 5
- 6
- 7



- 1
- 2
- 3
- 4
- 5
- 6
- 7



NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES

7 BUILD TO ROHS COMPLIANCE - LEAD FREE
 A PERMANENT MARKING METHOD
 MARK PART NUMBER AND REVISION USING
 WRAP INDUCTOR WITH GLASS OR MYLAR TAPE

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
 CONSTRUCTION:
 HI-POT TEST FOR WINDING TO CORE ISOLATION = 500VDC MIN
 CURRENT RATING : 8 AMPS, 25 °C TEMP. RISE, NO AIR FLOW
 DC R = 50.0 MILLI-OHMS MAX.
 DC BIASED = 5.0 AMPS, INDUCTANCE = 430 UH
 DC BIASED = 8.0 AMPS, INDUCTANCE = 330 UH
 INDUCTANCE = 650 UH ±15% @ LOW DC BIAS, 1 KHZ, 250mv
 SPECIFICATIONS:

3 WIRE: UL RECOGNIZED 180°C OR HIGHER RATED MAGNET WIRE
 CWS BYTE-MARK 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

UNLESS OTHERWISE SPECIFIED	DRAWN	DATE	TITLE	SIZE	DWG. NO.	REV
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND (MILLIMETERS)	KLC	8/6/08	Toroidal Power Inductor	B	HF-400-651M-8.0A	--
TOLERANCE INCHES: .XX=±.015 .X=±.030 .XXX=±.005 .XX=±.015	ENGR.	8/6/08				
TOLERANCE METRICS: .XX=±.38 .X=±.95 .XXX=±.127 .XX=±.38	APPR.	8/6/08				
ANGLE PROJECTION	KLC	8/6/08				
DO NOT SCALE DRAWING						

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.

AUTOCAD SOLIDWORKS SIGN	DATE	DESCRIPTION

COLLWS COM, INC	CWS Coil Winding Specialist
WWW.COLLWS.COM	353 WEST GROVE ORANGE, CA 92865

PARTS LIST	SCALE	SHEET	OF
	2=1	1	1