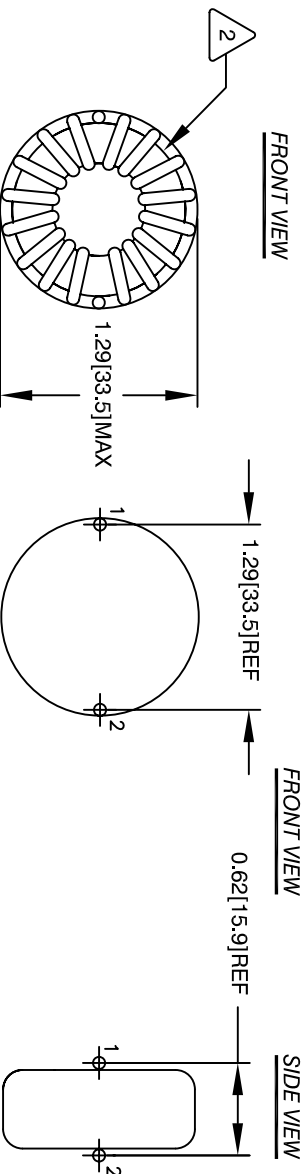
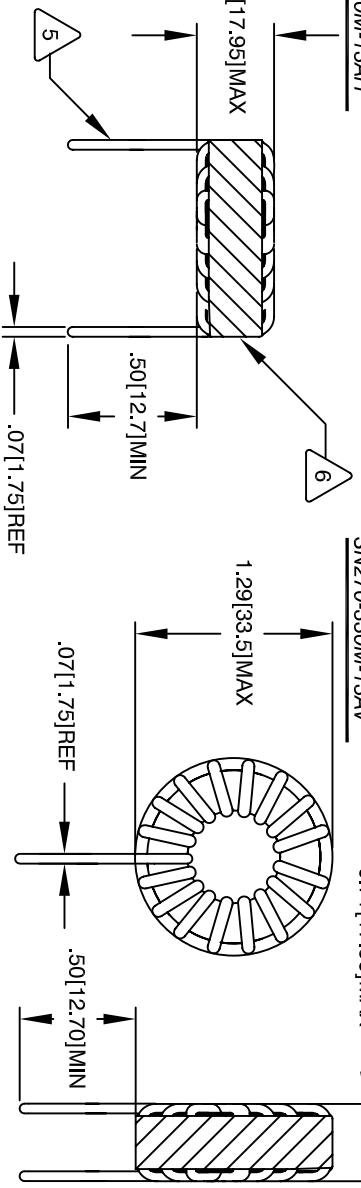
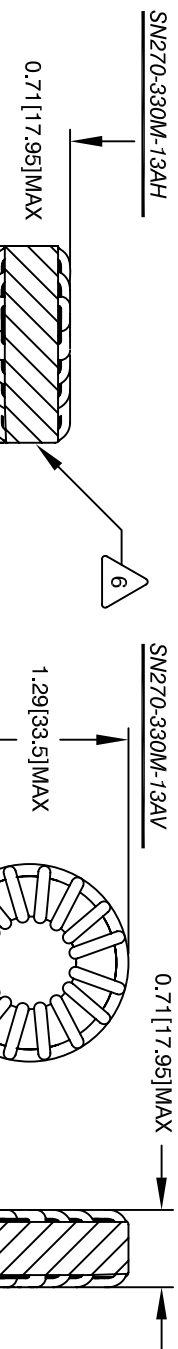
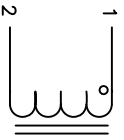


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE		
A		PRODUCTION RELEASE	BY	DATE	CHK
			JLL	3/24/11	

DC BIAS @10KHZ	0A	2A	4A	7A	10A	13A
	37.3 uH	35.2 uH	32.4 uH	27.8 uH	23.3 uH	19.4 uH



- 3 WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE
 CWS BYTEMARK (www.cwsbytemark.com) OR APPROVED VENDOR
 CORE: COATED SENDUST/KOOLMU TOROIDAL CORE

- 1 RATING CLASS B (130°C MIN.) REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

READ TEXT FROM BOTTOM UP
 NOTES: TOROIDAL POWER CHOKE. ALL DIMENSIONS IN INCHES [MM]

2

5 LEADS MUST BE TANGENT TO THE CORE
 FLUSH WITH THE COIL EDGE,
 REMOVE INSULATION AND TIN LEADS 0.5 INCH

- 4 WIND COILS EVENLY SPACED AROUND THE CORE
 CONSTRUCTION:

WEIGHT: 42 GRAMS (TYP)
 HI-POT : WINDING TO CORE ISOLATION = 500VDC MIN
 NO AIR FLOW
 CURRENT RATING : 13 AMPS, 40 °C TEMP. RISE,
 DCR : 4.57 MILLI-OHMS TYP.
 SELF RESONANCE FREQUENCY : 8 MHz (TYP)
 INTERWINDING CAPACITANCE @ 10KHz : 10.69pF (TYP)
 INDUCTANCE WITH DC BIAS : PLEASE SEE TABLE ABOVE
 INDUCTANCE = 33 uH ±15% @ LOW DC BIAS, 10 KHz, 250mV
 SPECIFICATIONS:

BOTTOM VIEW

MOUNTING HOLES PATTERN

MOUNTING HOLES PATTERN

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	sales@coilws.com 353 W Grove Ave Orange, CA 92865	
DRWNN	10/6/08	Coil Winding Specialist, Inc.	
CHKD	10/6/08	Title: Toroidal Power Inductor	
ENGR	10/6/08	33 uH, 13 Amp	
APPR	03/24/11	SIZE (ING. NO.)	REV
		B	A
		SCALE	SHEET 1 OF 1
		NOT TO SCALE	

UNLESS OTHERWISE SPECIFIED
 DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
 ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
 TOLERANCE INCHES: ϕ = ±0.30
 .XXX±.005 XX±.015
 .XXX±.127 XX±.38
 ANGLE PROJECTION ϕ
 DO NOT SCALE DRAWING