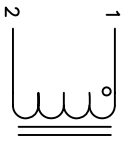


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
B	140718	PRODUCTION RELEASE	AK	7/19/14	BO	7/19/14



DC BIAS @10KHZ	0A	2A	5A	9A	14A	17A	20A
	330 uH	268 uH	158 uH	81.2 uH	43.2 uH	32.2 uH	25.4 uH

SCHEMATIC

7 BUILD TO ROHS COMPLIANCE

6 MARK PART NO. AND REV. IF NEEDED, WRAP INDUCTOR WITH TAPE,

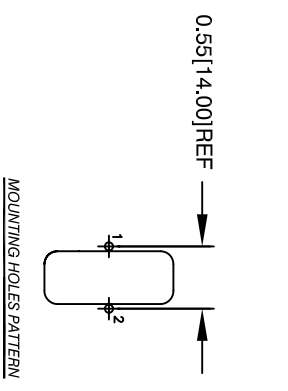
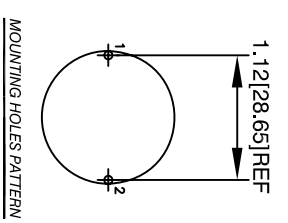
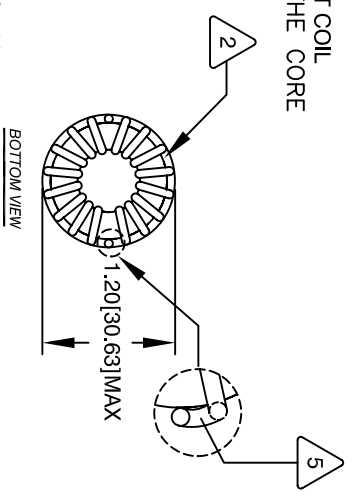
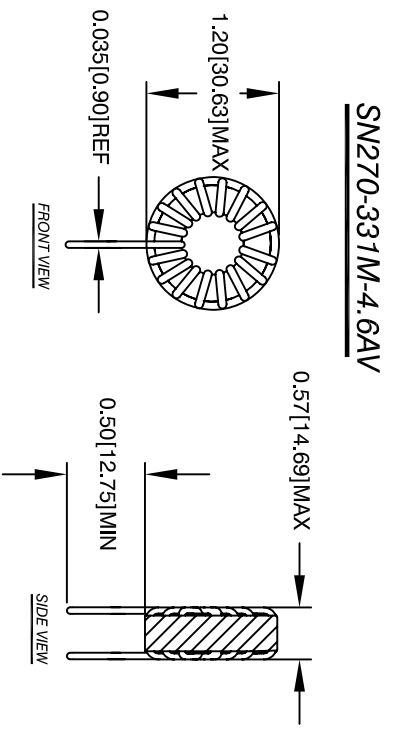
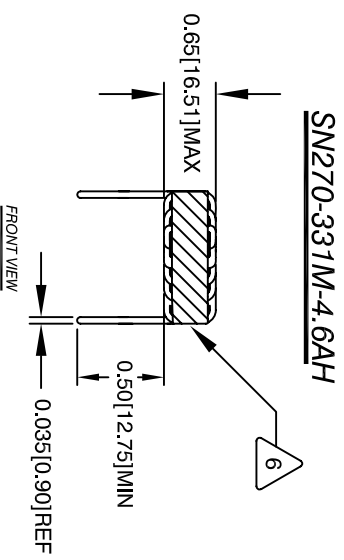
5 LEADS MUST BE TANGENT TO THE CORE REMOVE INSULATION AND TIN LEADS 0.5 INCH AND FLUSH AGAINST COIL LAST TURN MUST BE BENT UP AND DOWN OUTSIDE OF THE CORE

4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

3 WEIGHT: 38 GRAMS (TYP)
 CURRENT RATING : 4.6 AMPS, 40 °C TEMP. RISE,
 DCR : 51.0 MILLI-OHMS TYP.
 SELF RESONANCE FREQUENCY : 1.4 MHz (TYP)
 INTERWINDING CAPACITANCE @ 10KHz : 37.87pF (TYP)
 INDUCTANCE WITH DC BIAS : PLEASE SEE TABLE ABOVE
 INDUCTANCE = 330 uH ±15% @ 0 DC BIAS, 10KHz, 250mV SPECIFICATIONS:

2 WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE
 CWS BYTE MARK (www.cwsbytemark.com) OR APPROVED VENDOR
 CORE: COATED TOROIDAL
 RATING CLASS B (130°C MIN.) REQUIRED
 MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

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



AUTOCAD SOLIDWORKS		X		PARTS LIST	
SIGN	DATE	DATE	DATE	sales@coilws.com	Coil Winding Specialist, Inc.
KLC	10/6/08	10/6/08	10/6/08	www.coilws.com	353 W Grove Ave Orange, CA 92865
CT	10/6/08	CT	10/6/08	TITLE: Toroidal Power Inductor	
KLC	10/6/08	ENGR	10/6/08	330 uH, 4.6 Amp	
APPR	03/24/11	APPR	03/24/11	SIZE [Dwg. No.]	SN270-331M-4.6A
DO NOT SCALE DRAWING				SCALE	NOT TO SCALE
				SHEET	1 OF 1

UNLESS OTHERWISE SPECIFIED

DIMENSIONING AND TOLERANCE PER ANSI Y14.5M

ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]

TOLERANCE INCHES: .XX=±.015

TOLERANCE METRICS: .XX=±.015

ANGLE PROJECTION

DO NOT SCALE DRAWING