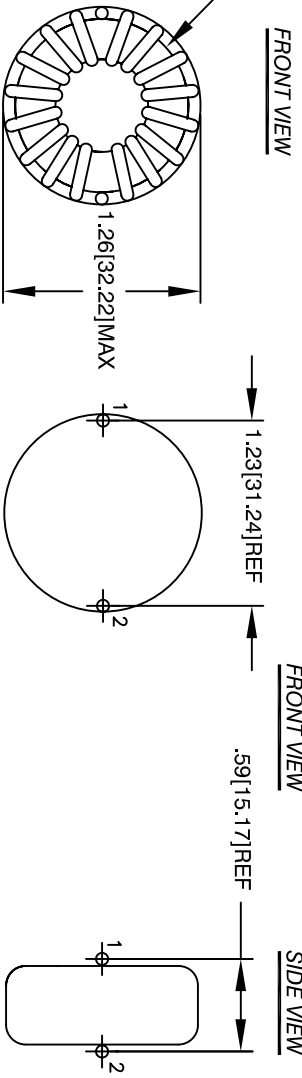
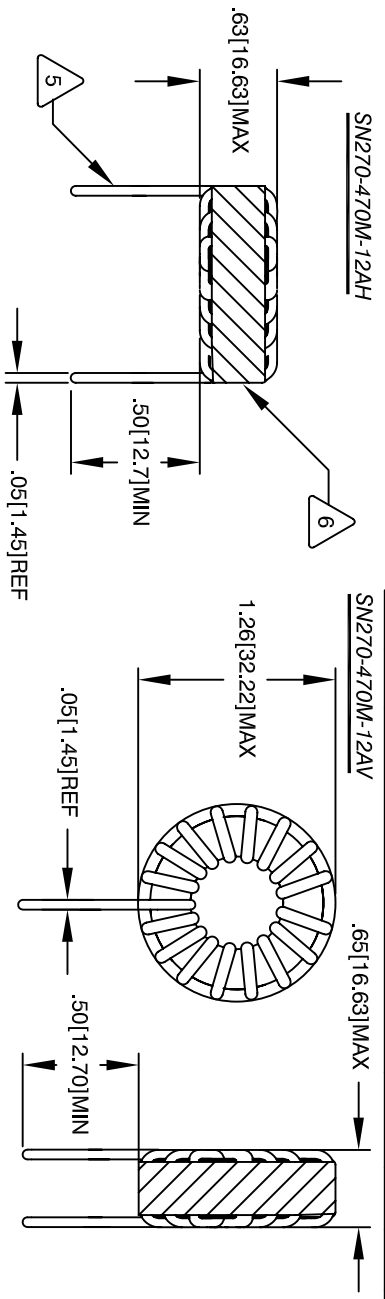
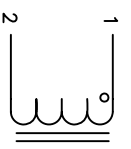


The information contained in this drawing is the sole property of CMS Coil Winding Specialist. Any reproduction in part or whole without written permission of CMS Coil Winding Specialist is prohibited.

REVISION HISTORY				SIGN & DATE		
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	JLL	7/24/11		
B		ELECT. AND MECHAN. SPEC. CHANGE	GN	9/8/12	JL	9/8/12

DC BIAS @10KHZ	
0A	48 UH
5A	38 UH
10A	27 UH
12A	23 UH



- 1 BUILD TO ROHS COMPLIANCE AND PB FREE
- 2 MARK PART NO. AND REV. IF NEEDED, WRAP INDUCTOR WITH ACRYLIC TAPE,
- 3 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:
- 5 WEIGHT: 36 GRAMS (TYP)
HI-POT : WINDING TO CORE ISOLATION = 500VDC MIN
NO AIR FLOW
CURRENT RATING : 12 AMPS, 40 °C TEMP. RISE,
DCR : 8.0 MILLI-OHMS MAX.
SELF RESONANCE FREQUENCY : 6.8 MHZ (TYP)
INTERWINDING CAPACITANCE @ 10KHz : 11pF (TYP)
INDUCTANCE WITH DC BIAS : PLEASE SEE TABLE ABOVE
INDUCTANCE = 47 UH ±15% @ LOW DC BIAS, 10KHz, 250mV SPECIFICATIONS:
- 6 WIRE: UL RECOGNIZED 155°C OR HIGHER RATED MAGNET WIRE
CWS BYTEMARK (www.cwsbytemark.com) OR APPROVED VENDOR
CORE: COATED SENDUST/KOOLMU TOROIDAL CORE
- 7 RATING CLASS B (130°C MIN.) REQUIRED
MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	DRWNN	DATE
KLC	10/6/08	CHKD	10/6/08
CT	10/6/08	ENGR	KLC
KLC	10/6/08	APPR	KLC
KLC	10/6/08	SIZE	DMG. NO.
		B	SN270-470M-12A
		SCALE	2=1
		SHEET	1 OF 1