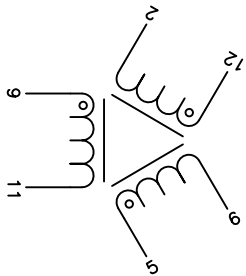
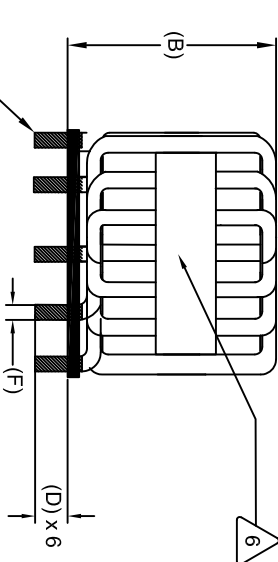


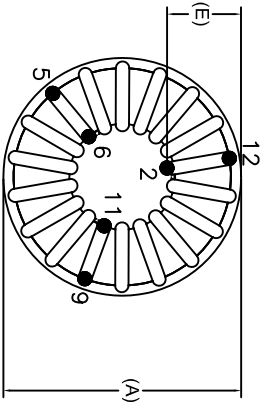
DIMENSIONAL TOLERANCE INCHES [MM]					
A(OD) Max	B(HGT) Max	D(LEAD) Min	E TYP	F (Lead Dia) TYP	
0.91 [23.00]	0.63 [16.50]	0.75 [19.05]	0.15 [3.81]	0.03 [0.762]	

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	DATE
A		RELEASE	TW	05/10/17	05/11/17
B		DIMENSIONS UPDATED	JL	06/29/17	06/29/17
C		UPDATED ELEC. SPEC.	TN	04/23/18	04/23/18
C1		CHANGED MAX DCR VALUE	TN	02/08/19	02/08/19

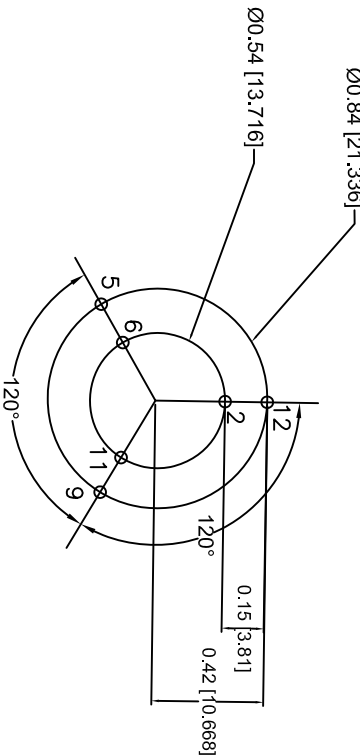


FRONT VIEW

SCHEMATIC



TOP VIEW



MOUNTING HOLES PATTERN

7 BUILT TO ROHS COMPLIANCE

6 LABEL PART NUMBER

5 TRIM LEADS TO 0.75 INCHES

4 STRIP AND TIN LEADS (NO INSULATION IS ALLOWED BELOW THE BASE LEVEL.)

- WEIGHT = ~15 GRAMS
OPERATING TEMP RANGE = -40 °C TO 125°C
MAX TEMP RISE = 30 °C
INTERWINDING ISOLATION = 2500 VOLTS RMS
DCR ON EACH WINDING = 67 mΩ MAX.
SRF = 860KHz TYP
RATED VOLTAGE = 1000 VAC OR VDC
RATED CURRENT = 4 AMPS
|Z| = 930 Ω @ 10KHz
LEAKAGE INDUCTANCE = 0.5 uH TYP @ 100 KHz, 0.25 Vrms
INTERWINDING CAPACITANCE = 7.8 pF TYP @ SRF
IMPEDANCE = 7.8 kΩ @ SRF
L = 11 mH MIN. @ 10KHz, 0.25 Vrms, 0 ADC
SPECIFICATIONS AT 25°C:

- WIRE: UL RECOGNIZED 155°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
CORE: NANOCRYSTALLINE OR AMORPHOUS CORE
CASE RATING CLASS B (130°C) REQUIRED
MATERIAL: UL RECOGNIZED FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED, READ NOTES FROM BOTTOM TO TOP.
CAGE CODE: 5DME2

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	www.coilw.com				Coil Winding Specialist Inc. 353 West Grove Ave Orange, California 92665				
DIMENSIONING AND TOLERANCE PER ANSI Y14.4M		SOLIDWORKS											
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS)		SIGN		DATE	sales@coilw.com								
TOLERANCE, INCHES: XX±.005 XX-.015 XX±.0127 XX±.003		DRAWN		TW	5/10/17	TITLE:				Nanocrystalline Inductor Three-Phase Common Mode Choke Horizontal Mount			
		CHECKED		JL	5/11/17	SIZE				DWG. NO.			
		ENGR.		JLJU	5/11/17	B				TPF-113U-B03A			
ANGLE PROJECTION 		APPR.		JL	5/11/17	SCALE				N/A			
DO NOT SCALE DRAWING										SHEET 10F 1			