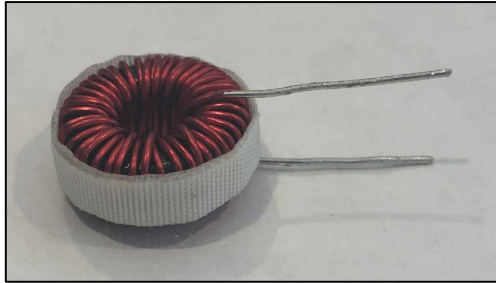
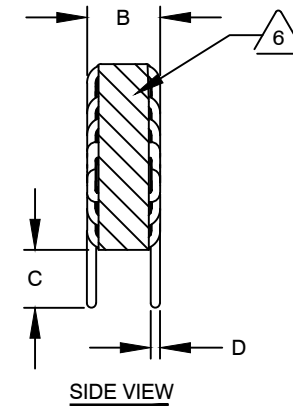
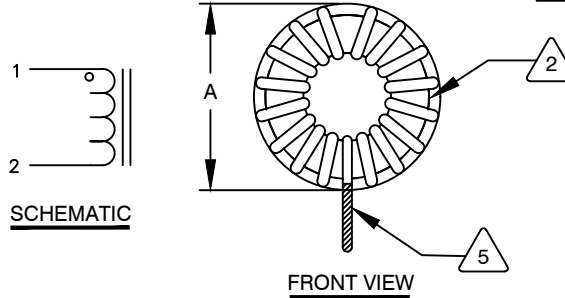


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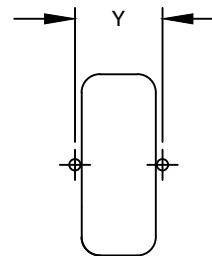
DIMENSIONAL TOLERANCES INCHES [MM]				
A MAX	B MAX	C MIN	D REF	Y REF
0.67 [17.00]	0.31 [8.00]	0.50 [12.70]	0.022 [0.57]	0.28 [7.00]

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A	-	INITIAL RELEASE	JL	12/13/2017	JLAU	12/13/2017
A1	-	UPDATED SPECS.	JZ	07/06/2021	JL	07/06/2021



DC BIAS TABLE

DC BIAS (AMP)	L @ 1.0 KHz
0	120.0uH
1	92.3uH
2	63.4uH



MOUNTING HOLES PATTERN

- 7 BUILD TO RoHS COMPLIANCE AND LEAD FREE.
USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION, IF APPLICABLE,
WRAP INDUCTOR WITH 3M # 79 OR EQUAL



- 4 CONSTRUCTION: WIND COILS EVENLY SPACED AROUND THE CORE

WEIGHT: 6 GRAMS TYPICAL
INTERWINDING CAPACITANCE = 16.68 pF TYP @ SRF
SRF = 3.6 MHz TYPICAL
|Z| = 16 KILO-OHMS TYP @ SRF
RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 200°C
HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC 10 SEC
CURRENT RATING : 2.0 AMPS, 40°C TEMP. RISE WITH SOME AIR FLOW
DCR = 62.5 MILLI-OHMS MAX.
INDUCTOR DC BIAS: SEE TABLE ON THE RIGHT

- 3 SPECIFICATIONS: @ 25° C



WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CORE: HIGH POWDERED TOROIDAL CORE, CWS BYTEMARK OR OTHER APPROVED PART

- 1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY, RATING CLASS H (180°C MIN.) REQUIRED

ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.
"TYP" IN DIM. TOL. REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT
NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP.

CAGE CODE: 5DME2

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	
TOLERANCE INCHES: .XXX=±.005 .XX=±.015 $\angle=±0°30'$	
TOLERANCE METRICS: .XXX=±.127 .XX=±.38 $\angle=±0°30'$	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X		
SOLIDWORKS			
SIGN	DATE	COILWS COM, INC	CWS Coil Winding Specialist.
DRAWN	JL 12/13/2017	www.coilws.com	353 WEST GROVE ORANGE, CA 92865
CHECKED	JLAU 12/13/2017	TITLE: TOROIDAL POWER INDUCTOR 120 uH, 2 Amps, Vertical	
ENGR.	JLAU 12/13/2017		
APPR.	JLAU 12/13/2017		
SIZE	DWG. NO.	SN127-121M-2.0AV	REV A1
SCALE		2=1	SHEET 1 OF 1