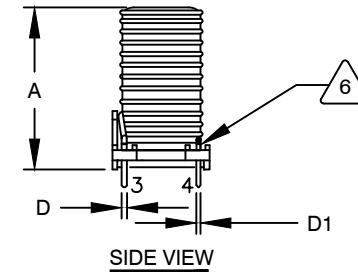
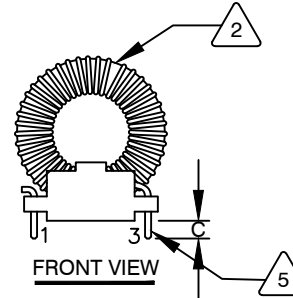
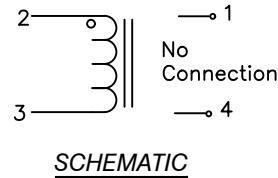


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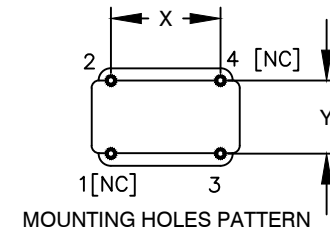
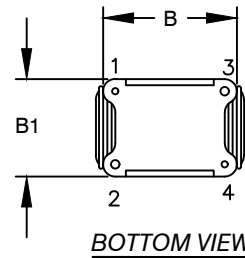
DIMENSIONAL TOLERANCES INCHES [MM]							
A MAX	B MAX	B1 MAX	C MIN	D REF	D1 REF	X REF	Y REF
1.41 [35.60]	1.10 [27.94]	0.80 [20.32]	0.21 [5.30]	0.04 [1.02]	0.05 [1.29]	0.90 [22.86]	0.60 [15.24]

REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A	—	INITIAL RELEASE	RLU	07/06/2007	JLAU	07/06/2007
A1	—	UPDATED SPECS.	JZ	03/10/2021	JL	03/10/2021



DC BIAS TABLE

DC BIAS (AMP)	L @ 1.0 KHz
0.0	203uH
0.2	201uH
1.4	191uH
2.6	172uH
3.8	152uH



NC = NO CONNECTION

7 BUILD TO RoHS COMPLIANCE AND LEAD FREE.

USING A PERMANENT MARKING METHOD
MARK PART NUMBER AND REVISION, IF APPLICABLE,
EPOXY COIL TO HEADER

5 REMOVE INSULATION AND TIN LEADS 0.21 INCH, FLUSH WITH THE HEADER EDGE, AS SHOWN

4 CONSTRUCTION: WIND COILS EVENLY SPACED AROUND THE CORE

WEIGHT: 46 GRAMS TYPICAL
INTERWINDING CAPACITANCE = 23.28 pF TYP @ SRF
SRF = 2.47 MHz TYPICAL
|Z| = 7.4 KILO-OHMS TYP @ SRF
RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 130°C
HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC 10 SEC
CURRENT RATING : 3.8 AMPS, 40°C TEMP. RISE WITH SOME AIR FLOW
DCR = 41.8 MILLI-OHMS MAX.
INDUCTOR DC BIAS: SEE TABLE ON THE RIGHT
INDUCTANCE = 200 uH±15% @ 0 AMP DC BIAS, 1.0 KHz, 300mV

3 SPECIFICATIONS: @ 25° C

2 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 F (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 <1/16"±0.030	
TOLERANCE METRICS:	
.XXX±.127 .XX±.38 <1/16"±0.30	
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

CODE IDENT		MFG. P/N		DESCRIPTION		ITEM NO.	
PARTS LIST							
AUTOCAD		X		COILWS COM, INC CWS Coil Winding Specialist. 353 WEST GROVE ORANGE, CA 92865			
SOLIDWORKS							
SIGN		DATE		www.coilws.com			
DRAWN		RLU 07/06/2007		TITLE: OUTPUT CHOKE 200 uH, 3.8 Amps, Horizontal			
CHECKED		JLAU 07/06/2007					
ENGR.		JLAU 07/06/2007					
APPR.		KKSUM 07/06/2007					
				SIZE DWG. NO.		REV	
		B		OPC-2-200-3.8		A1	
		SCALE		2=1		SHEET 1 OF 1	