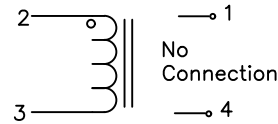


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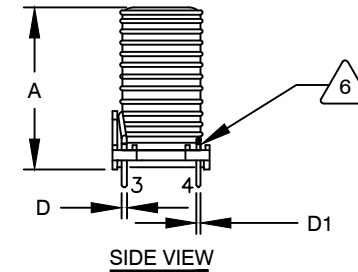
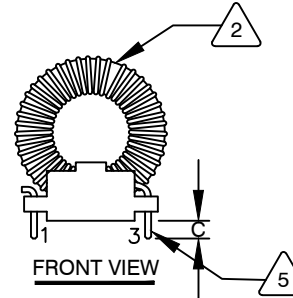


DIMENSIONAL TOLERANCES INCHES [MM]							
A MAX	B MAX	B1 MAX	C MIN	D REF	D1 REF	X REF	Y REF
1.58 [40.00]	1.40 [35.56]	0.90 [22.86]	0.21 [5.30]	0.06 [1.63]	0.05 [1.27]	1.20 [30.48]	0.70 [17.78]

REVISION HISTORY					
REV	ECN	DESCRIPTION	SIGN & DATE		
			BY	DATE	CHK
A	—	INITIAL RELEASE	RLU	04/27/2005	JLAU
A1	—	UPDATED SPECS.	JZ	09/27/2020	JL



SCHEMATIC



DC BIAS TABLE

DC BIAS (AMP)	L @ 1.0 KHz
0.0	73uH
2.0	70uH
4.0	66uH
6.0	60uH
8.0	50uH

7 BUILD TO RoHS COMPLIANCE AND LEAD FREE.

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



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: 67 GRAMS TYPICAL

INTERWINDING CAPACITANCE = 9.43 pF TYP @ SRF

SRF = 7.16 MHz TYPICAL

|Z| = 4.32 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 : 8 AMPS, 40°C TEMP. RISE WITH SOME AIR FLOW

DCR = 14.0 MILLI-OHMS MAX.

INDUCTOR DC BIAS: SEE TABLE ON THE RIGHT

INDUCTANCE = 77 uH ±15% @ 0 AMP DC BIAS, 1.0 KHz, 300mV

3 SPECIFICATIONS: @ 25° C



WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE

CORE: HIGH POWDERED TOROIDAL CORE, CWS BYTE MARK OR OTHER APPROVED PART

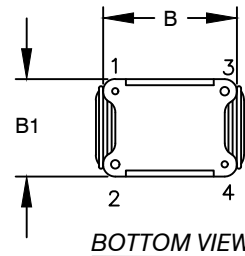
1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY, RATING CLASS F (180°C MIN.) REQUIRED

ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.

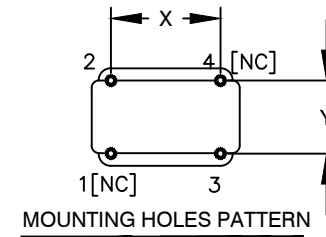
"TYP" IN DIM. TOL. REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT

NOTES: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP.

CAGE CODE: 5DME2



BOTTOM VIEW



MOUNTING HOLES PATTERN

NC = NO CONNECTION

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 www.coilws.com				
SOLIDWORKS								
SIGN		DATE		CWS Coil Winding Specialist. 353 WEST GROVE ORANGE, CA 92865				
DRAWN		RLU 04/27/2005		TITLE: OUTPUT CHOKE 77 uH, 8 Amps, Horizontal				
CHECKED		JLAU 04/27/2005						
ENGR.		JLAU 04/27/2005						
APPR.		KKSUM 04/27/2005						
		SIZE		DWG. NO.			REV	
		B		OPC-3-77-8			A1	
		SCALE			2=1		SHEET 1 OF 1	