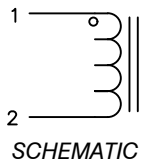


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.



8 BUILT TO RoHS COMPLIANCE AND LEAD FREE

7 POT COIL IN POTTING CUP AS SHOWN

6 LABEL PART NUMBER, REVISION AND DATE CODE

5 REMOVE INSULATION AND TIN LEADS

4 WIND COILS EVENLY SPACED AROUND THE CORE CONSTRUCTION:

INTERWINDING CAPACITANCE = 7.72pF TYP @ SRF
SRF = 9.77MHz TYP

|Z| = 5.77KILO-OHMS TYP @ SRF

RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 155°C

HI-POT TEST FOR WINDING TO CORE ISOLATION = 500 VDC, 5 SEC.

CURRENT RATING : 15 AMPS, 40°C TEMP. RISE WITH SOME AIR FLOW

DCR = 8 MILLI-OHMS MAX.

INDUCTANCE @ DC BIAS: SEE TABLE ON THE RIGHT

INDUCTANCE = 20 uH ± 10% @ 0 AMP DC BIAS, 1.0 KHz, 250mV

3 SPECIFICATIONS: @ 25°C:

2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CORE: POWDERED TOROIDAL CORE, CWS BYTE MARK OR OTHER APPROVED PART

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY, RATING CLASS B (130°C MIN.) REQUIRED

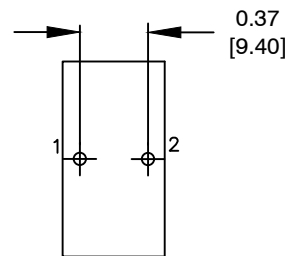
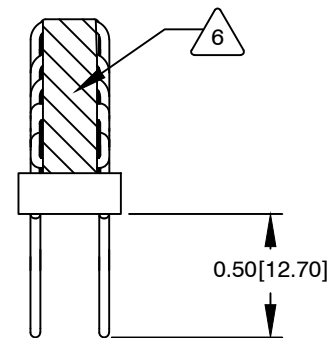
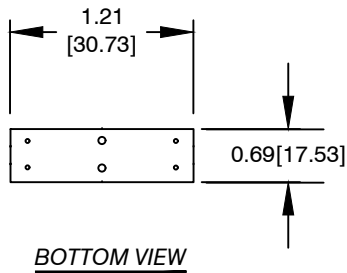
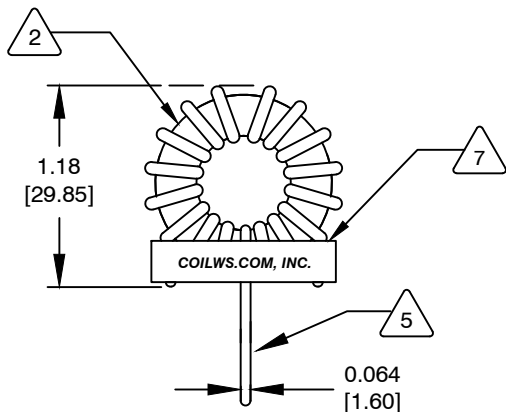
ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.

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

NOTE 2: UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE TYPICAL.

NOTE 1: UNLESS OTHERWISE STATED, READ NOTES FROM BOTTOM UP.

CAGE CODE: 5DME2



REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		INITIAL DRAWING RELEASE	TN	01/23/2021	JL	01/23/2021

DC BIAS TABLE

DC BIAS (AMP)	L@ 1KHz (REF)
0	20uH
1	20uH
2	20uH
4	20uH
6	20uH
8	20uH
10	19uH
12	19uH
14	18uH
15	18uH

CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST			
AUTOCAD	X	COILWS COM, INC www.coilws.com	CWS Coil Winding Specialist. 353 West Grove Ave. Orange, CA 92865
SOLIDWORKS			
SIGN	DATE	TITLE: Toroidal Power Chokes Toroid Inductor	
DRAWN	TN 01/23/2021		
CHECKED	JM 01/23/2021		
ENGR.	JL 01/23/2021		
APPR.	JL 01/23/2021		
SIZE	DWG. NO.	REV	
B	MHF229-200M-15A	A	
SCALE	2=1	SHEET 1 OF 1	

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