

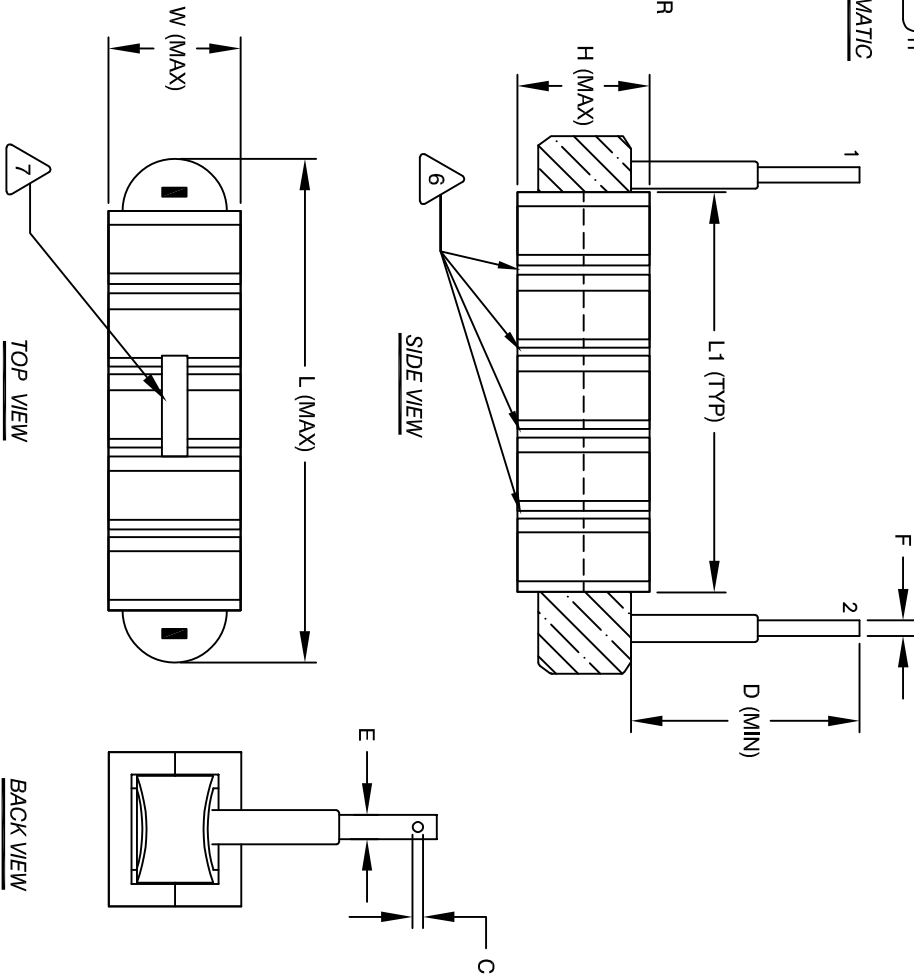
SCHEMATIC

DIMENSIONAL TOLERANCES INCHES (MM)									
C	D	E	F	L	L1	W	H		
TYP	MIN	TYP	TYP	MAX	TYP	MAX	MAX		
0.385 [9.80]	5.50 [139.70]	1.50 [38.10]	0.25 [6.30]	19.50 [495.30]	15.00 [381.00]	4.50 [114.30]	4.00 [101.60]		

REVISION HISTORY				SIGN & DATE			
REV	ECN	DESCRIPTION		BY	DATE	CHK	DATE
B		REVISED L DIM.		TN	11/16/21	JL	11/16/21
B1		REVISED SPEC. AND DESCRIPTION		TN	03/27/23	JL	03/27/23
B2	081623	UPDATED CONSTRUCTION NOTE		TN	08/16/23	JL	08/16/23

DC BIAS TABLE

DC-BIAS (AMP)	L @ 1KHz (REF)
0A	600uH
20A	596uH
40A	526uH
60A	457uH
80A	400uH
100A	429uH
125A	416uH
150A	403uH
175A	385uH
200A	357uH
225A	321uH
250A	308uH
275A	281uH
300A	274uH
325A	267uH
350A	256uH
375A	244uH
400A	231uH
425A	203uH
450A	182uH
475A	175uH
500A	152uH



PARTS LIST

AUTOCAD		X		www.coilw.com		Coil Winding Specialist, Inc.	
SOLIDWORKS		SIGN		sales@coilw.com		353 W GROVE AVE	
		DATE		TITLE:		ORANGE, CA 92865	
DRAWN		TN		02/26/21		High Current Inductor	
CHECKED		JM		02/26/21		High Frequency Inductor	
ENGR.		JL		02/26/21		600 uH, 500 Amps	
APPR.		JL		02/26/21		SIZE [DIM. NO.]	
						HCS-601M-500AG	
						REV B2	

- 1 MATERIAL: UL RECOGNIZED
- 2 CORE: COMPACTED POWDERED CORE
- 3 SPECIFICATIONS @ 25°C:

ANY TOLERANCE. THIS DIM. CAN VARY A LITTLE FROM PART TO PART.
"TYP" IN DIM. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT

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