

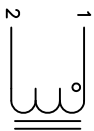
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DIMENSIONAL TOLERANCES INCHES (MM)					
C	D	E	F	L	L1
0.24 [6.00]	5.50 [138.70]	1.50 [38.10]	0.50 [12.50]	18.00 [457.20]	14.00 [355.60]
				W	H
				4.50 [114.30]	4.00 [101.60]

REVISION HISTORY		SIGN & DATE	
REV	ECN	BY	DATE
B		TN	08/24/18
C		TN	08/03/2020
C1		TN	08/21/21
C2		TN	08/23/21

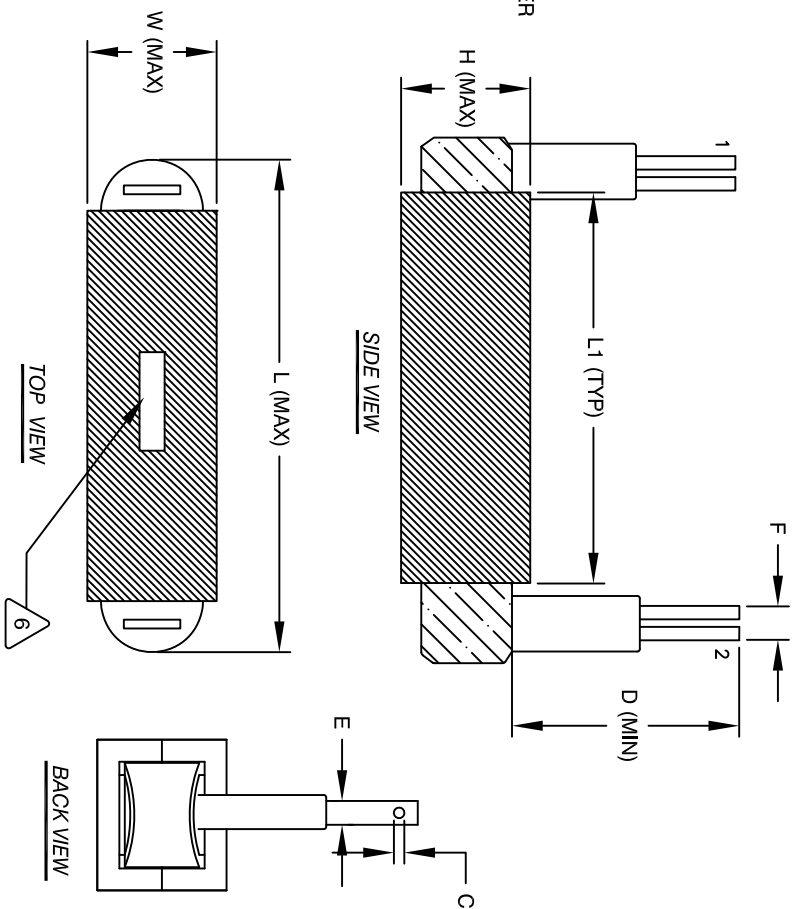
DC BIAS TABLE

DC-BIAS	L
0A	200uH
25A	187uH
50A	175uH
75A	160uH
100A	167uH
125A	162uH
150A	157uH
175A	142uH
200A	129uH
225A	114uH
250A	101uH
275A	88uH
300A	79uH
325A	72uH
350A	67uH
375A	63uH
400A	60uH
425A	58uH
450A	57uH
475A	56uH
500A	55uH



SCHEMATIC

- APPLICATION: OUTPUT CHOKE, HIGH CURRENT INDUCTOR, INPUT FILTER
- BUILT TO ROHS COMPLIANCE
- LABEL PART NUMBER AND REVISION WHERE SHOWN
- VARNISH PART AND OVEN CURE
- APPLY SILICON AS REQUIRED
- WRAP TAPE AROUND CORES WITH CORES AND NOMEX PRE FORMED FLAT COPPER FOIL CONSTRUCTION:
- WEIGHT: 52 LBS TYPICAL
- RECOMMENDED OPERATING FREQUENCY: 60HZ TO 500KHZ
- RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 105°C
- H-POT TEST FROM WINDING TO CORE 2500VDC @ 2mA, 1 MIN
- INTERWINDING CAPACITANCE = 198pF TYP @ SRF
- |Z| = 2.3 KIL-OHM TYP @ SRF
- SRF = 880 KHZ TYPICAL
- RATED CURRENT: 600 AMPS, APPROPRIATE AIR FLOW NEEDED.
- DCR BETWEEN PINS 1 -2: 2.5 MILLI-OHMS MAX.
- INDUCTANCE @ DC BIAS: SEE TABLE ON THE RIGHT.
- INDUCTANCE BETWEEN PINS 1-2: 190uH ± 25% NOM, MEASURED AT 1 KHZ, 0.25V, ZERO DC BIAS



PARTS LIST

AUTOCAD SOLIDWORKS	X	DATE	TITLE	SCALE	NOT_TO_SCALE	SHEET 1 OF 1
UNLESS OTHERWISE SPECIFIED			High Current Inductor			
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M			High Frequency			
ALL DIMENSIONS ARE IN INCHES AND [DIMENSIONS]			200 uH, 600 Amps			
TOLERANCE INCHES: .XXX±.010 .XX±.020						
TOLERANCE METERS: .XXX±.254 .XX±.51						
ANGLE PROJECTION						
DO NOT SCALE DRAWING						

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

NOTES: UNLESS OTHERWISE SPECIFIED READ, FROM BOTTOM UP.

CAGE CODE: 5DME2