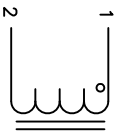


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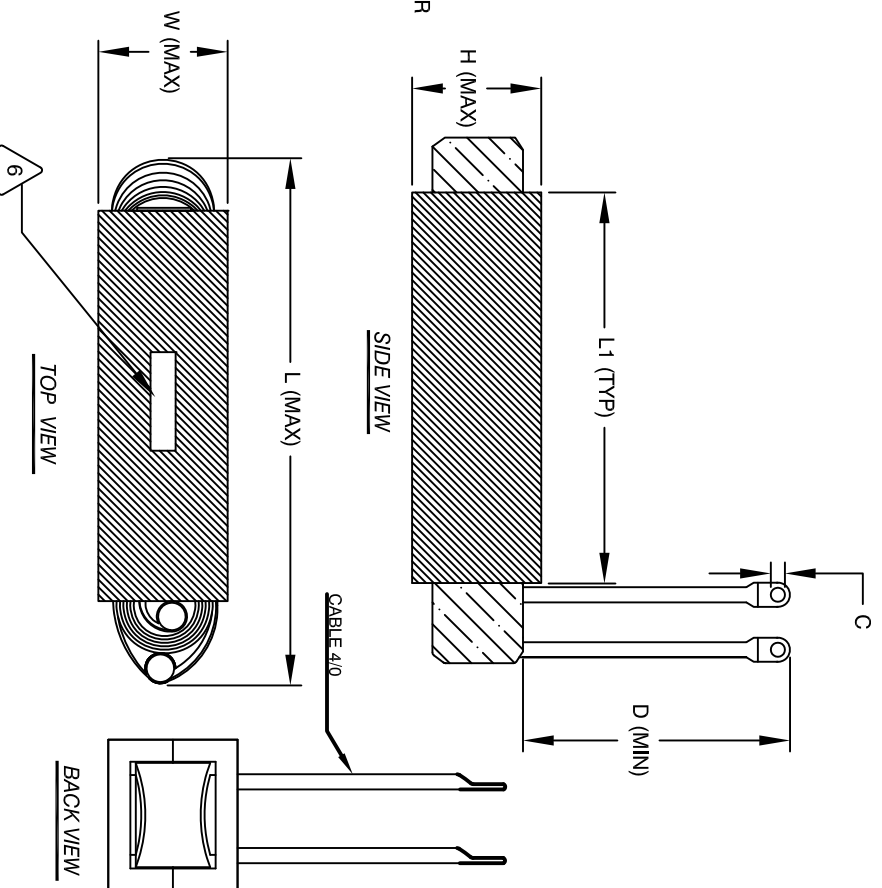
SCHEMATIC

- 8 APPLICATION: OUTPUT CHOKE, HIGH CURRENT INDUCTOR, INPUT FILTER
- 7 BUILT TO ROHS COMPLIANCE

- 6 LABEL PART NUMBER AND REVISION WHERE SHOWN
- 5 VARNISHED AND CURE
APPLY SILICON IF REQUIRED
WRAP TAPE AROUND CORES
WITH CORES AND INSULATOR
PRE FORMED FLAT COPPER SHEETS
- 4 CONSTRUCTION:
WEIGHT: 46 LB (TYP)
RECOMMENDED OPERATING TEMP: -40°C TO 105°C
HI-POT TEST FROM WINDING TO CORE 1000VDC @ 2mA, 1 MIN
INTERWINDING CAPACITANCE @ SRF = 249pF (TYP)
|z| @ SRF = 2.31 KIL-OHM
SRF = 732 KHZ
RATED CURRENT: 300 AMPS
DCR = 1.2 MILLIOHM MAX.
L @ DC BIAS: SEE TABLE ON RIGHT.
L = 210uH ± 12%, MEASURED AT 1 KHZ, 0.25V, ZERO DC BIAS
- 3 SPECIFICATIONS:

- 2 VARNISH
SILICON DOW CORNING OR EQUAL
OUTER WRAP: 3M GLASS OR EQUAL
- 1 CORE: COMPACTED POWDERED CORE
MATERIAL: UL RECOGNIZED

NOTES: UNLESS OTHERWISE SPECIFIED READ FROM BOTTOM UP.
CAGE CODE: **SDME2**



DIMENSIONS AND TOLERANCE

	mm	inch
C	12.7 (TYP)	0.50 (TYP)
D	304.8(MIN)	12.00 (MIN)
L1	279.4 (TYP)	11.00 (TYP)
L	393.7 (MAX)	15.5 (MAX)
W	118.1 (MAX)	4.65 (MAX)
H	96.5 (MAX)	3.80 (MAX)

DC-BIAS	L
0A	210uH
30A	184uH
60A	153uH
90A	133uH
120A	129uH
150A	120uH
180A	112uH
210A	99uH
240A	83uH
270A	70uH
300A	60uH

REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A	150609	PRODUCTION RELEASE	AK	6/10/15	JLU	6/10/15

PARTS LIST

AUTOCAD SOLIDWORKS SIGN	X	DATE	TITLE
UNLESS OTHERWISE SPECIFIED			High Current Inductor
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		6/09/15	210 uH, 300 Amps
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	AK	6/09/15	
TOLERANCE INCHES: .XXX±.010 .XX±.020	ENGR: JLU	6/09/15	
TOLERANCE METRICS: .XXX±.254 .XX±.51	APPR: BO	6/09/15	
ANGLE PROJECTION			
DO NOT SCALE DRAWING			

SCALE NOT TO SCALE

SHEET 1 OF 1