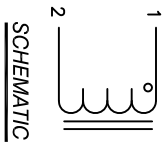


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DIMENSIONAL TOLERANCE					REVISION HISTORY				
C	D	L1	L	W	H	REV	ECN	DESCRIPTION	SIGN & DATE
(TYP)	(MIN)	(TYP)	(MAX)	(MAX)	(MAX)	A	151019	PRODUCTION RELEASE	BY DATE CHK DATE
0.50" [12.70]	12.00" [304.8]	11.00" [279.4]	15.50" [393.7]	4.65" [118.1]	3.80" [96.5]				AK 10/19/15 JLU 10/19/15



SCHEMATIC

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

6 LABEL PART NUMBER AND REVISION WHERE SHOWN

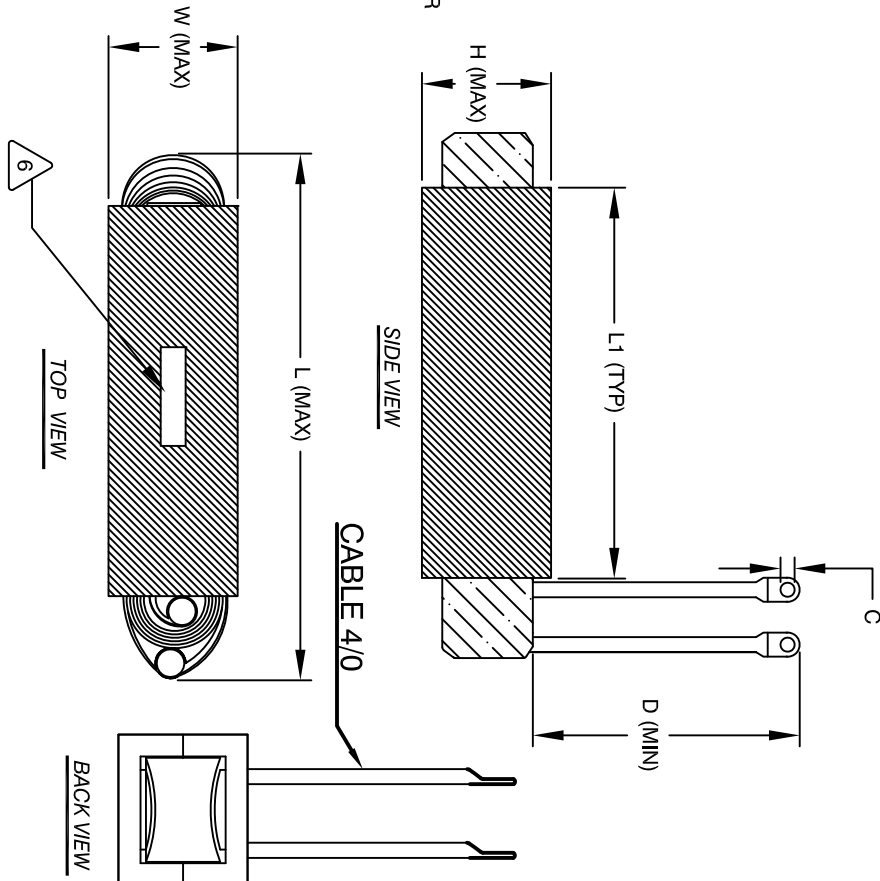
- VARNISHED AND CURE
- APPLY SILICON IF REQUIRED
- WRAP TAPE AROUND CORES
- WITH CORES AND NOMEX
- PRE FORMED FLAT COPPER SHEETS
- CONSTRUCTION:

- WEIGHT: 46 LB (TYP)
- RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 105°C
- HI-POT TEST FROM WINDING TO CORE 1000VDC @ 2mA, 1 MIN
- INTERWINDING CAPACITANCE @ SRF = 256pF (TYP)
- |Z| @ SRF = 8.51 KIL-OHM
- SRF = 790 KHz
- RATED CURRENT: 450 AMPS, APPROPRIATE AIR FLOW NEEDED.
- DCR = 1.2 MILLIOHM MAX.
- L @ DC BIAS: SEE TABLE ON RIGHT.
- L = 160uH ± 10%, MEASURED AT 1 KHz, 0.25V, ZERO DC BIAS
- SPECIFICATIONS:

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

NOTES: UNLESS OTHERWISE SPECIFIED READ FROM BOTTOM UP.

CAGE CODE: 5DME2



DC-BIAS	L
0A	160
30A	156
60A	151
90A	144
120A	136
150A	129
180A	121
210A	144
240A	106
270A	98
300A	92
330A	86
360A	80
390A	74
400A	72
420A	67
450A	64

PARTS LIST		
AUTOCAD	X	
SOLIDWORKS		
SIGN	DATE	
DRAWN	AK	10/19/15
CHECKED	JLU	10/19/15
ENGR.	JLU	10/19/15
APPR.	BO	10/19/15
SCALE	NOT TO SCALE	
SHEET	1	OF 1

High Current Inductor
160 uH, 450 Amps

www.coilws.com
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ORANGE, CA 92665