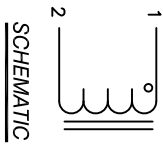


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DIMENSIONAL TOLERANCE					
C	D	L1	L	W	H
(TYP)	(MIN)	(TYP)	(MAX)	(MAX)	(MAX)
0.50°	12.00°	11.00°	15.50°	4.65°	3.80°
[12.70]	[304.8]	[279.4]	[393.7]	[118.1]	[96.3]

REVISION HISTORY			SIGN & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A1	151217	PRODUCTION RELEASE	JK	12/17/15	JLU	12/17/15



SCHEMATIC

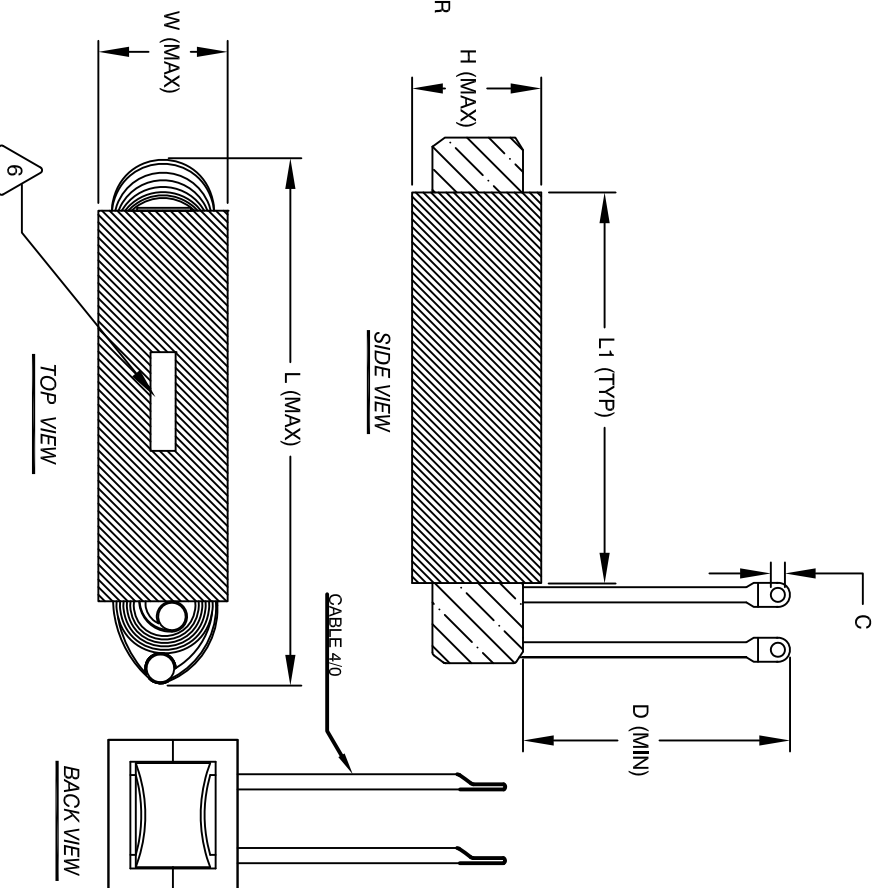
- 8 APPLICATION: OUTPUT CHOKE, HIGH CURRENT INDUCTOR, INPUT FILTER
- 7 BUILT TO ROHS COMPLIANCE

- 6 LABEL PART NUMBER AND REVISION WHERE SHOWN
- 5 VARNISHED AND CURE
- 4 APPLY SILICON IF REQUIRED
- 3 WRAP TAPE AROUND CORES
- 2 WITH CORES AND NOMEX
- 1 PRE FORMED FLAT COPPER SHEETS

- 4 CONSTRUCTION:
- WEIGHT: 46 LB (TYP)
- RECOMMENDED OPERATING FREQUENCY: 60HZ TO 500KHZ
- 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 KILLO-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:
- 3 BAKE VARNISH
- 2 SILICON DOW CORNING OR EQUAL
- 1 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	160uH
30A	156uH
60A	151uH
90A	144uH
120A	136uH
150A	129uH
180A	121uH
210A	114uH
240A	106uH
270A	98uH
300A	92uH
330A	89uH
360A	87uH
390A	84uH
400A	81uH
420A	79uH
450A	78uH

UNLESS OTHERWISE SPECIFIED		AUTOCAD		PARTS LIST	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	ALL DIMENSIONS ARE IN INCHES AND [DIMETERS].	SOLIDWORKS	X	www.coilws.com	Coil Winding Specialist, Inc.
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 .X=±.030 .XXX=±.254 .XX=±.51	TOLERANCE METERS: ±=±0.30° ±=±0.30°	DRAWN	DATE	353 W. GROVE AVE	ORANGE, CA 92665
ANGLE PROJECTION	DO NOT SCALE DRAWING	AK	10/19/15	High Current Inductor	
		CHKD	10/19/15	High Frequency Inductor	
		JLU	10/19/15	160 uH, 450 Amps	
		ENGR	10/19/15		
		JLU	10/19/15		
		APPR	10/19/15		
		BO			