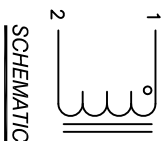
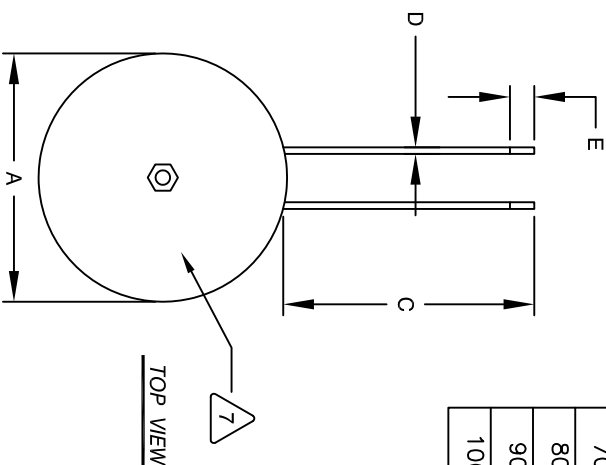
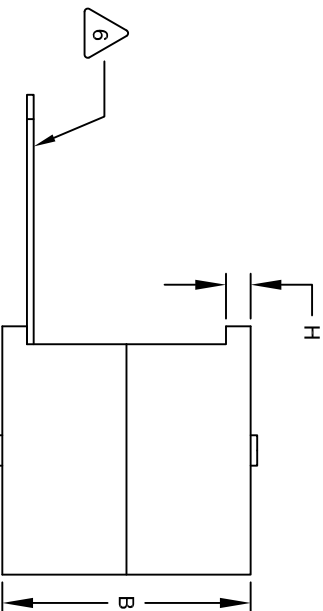
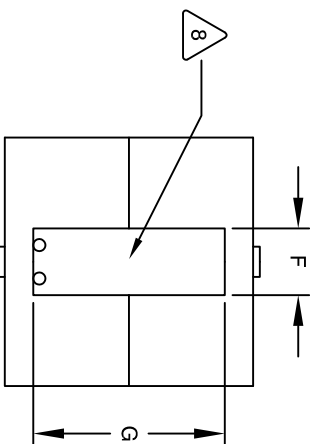


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DIMENSIONAL TOLERANCES INCHES (MM)							
A	B	C	D	E	F	G	H
4.76 [120.80]	4.76 [120.80]	7.00 [177.80]	0.16 [4.115]	0.75 [19.05]	1.56 [39.50]	3.77 [95.80]	0.49 [12.50]



DC-BIAS	L
0A	6000uH
10A	5600uH
20A	5000uH
30A	4400uH
40A	3600uH
50A	2900uH
60A	2600uH
70A	2200uH
80A	1800uH
90A	1500uH
100A	1400uH

REVISION HISTORY		SIGN & DATE	
REV	ECN	BR	DATE
A		DL	10/28/17
DESCRIPTION		CHK	DATE
PRODUCTION RELEASE		JLW	10/28/17

- 10 AC INDUCTOR, FILTER INDUCTOR, EMI INDUCTOR
- APPLICATION: OUTPUT CHOKE, HIGH CURRENT INDUCTOR,
- 9 BUILT TO ROHS COMPLIANCE
- 8 NOMEX COVER

- 7 LABEL PART NUMBER AND REVISION WHERE SHOWN
- 6 TEFLON SLEEVE

- 5 APPLY SILICON IF REQUIRED
- 4 CORES WITH NOMEX INSULATION
- WIND SOLID MAGNET WIRE ONTO
- CONSTRUCTION:

WEIGHT: 16 LB (TYP)
 RECOMMENDED OPERATING FREQUENCY: 60HZ TO 500KHZ
 RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 85°C
 HI-POT TEST FROM WINDING TO CORE 1000VDC @ 2mA, 1 MIN
 INTERWINDING CAPACITANCE @ SRF = 267pF (TYP)
 |Z|@SRF=166 KIL-OHM (TYP)
 SRF=128 KHZ (TYP)
 RATED CURRENT: 100 AMPS, APPROPRIATE AIR FLOW NEEDED.
 DCR= 40 MILLI-OHM MAX.

- 3 L@DC BIAS: SEE TABLE ON RIGHT.
 L=6000uH ±15%, MEASURED AT 10 KHZ, 0.25V, ZERO DC BIAS
 SPECIFICATIONS:
- 2 CORE: COMPACTED POWDER POT CORE
- 1 MATERIAL: UL RECOGNIZED

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

PARTS LIST

AUTOCAD SOLIDWORKS	X	DATE	TITLE:	Coil Winding Specialist, Inc.
DRAWN JL	10/28/17	10/28/17	High Inductance Inductor	353 W GROVE AVE
CHKD JLW	10/28/17	10/28/17	6000 uH, 100 Amps	ORANGE, CA 92865
ENGR JLW	10/28/17	10/28/17		
APPR BO	10/28/17			

UNLESS OTHERWISE SPECIFIED	ALL DIMENSIONS ARE IN INCHES AND [DIMETERS].
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	TOLERANCE INCHES: ϕ=±0.30
	TOLERANCE METRCS: ϕ=±0.30
	ANGLE PROJECTION
DO NOT SCALE DRAWING	

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sales@coilws.com	SCALE	NOT TO SCALE	SHEET 1 OF 1