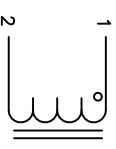
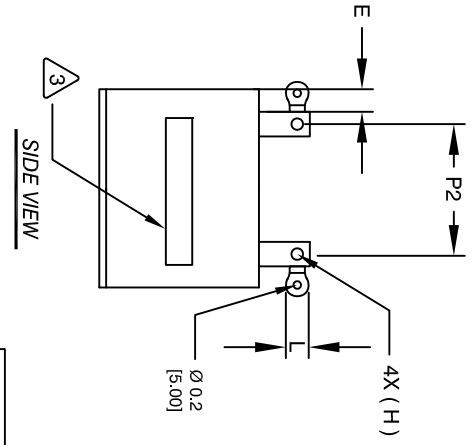
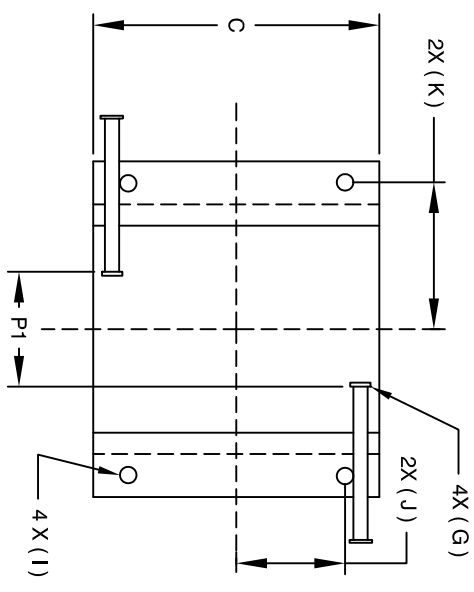
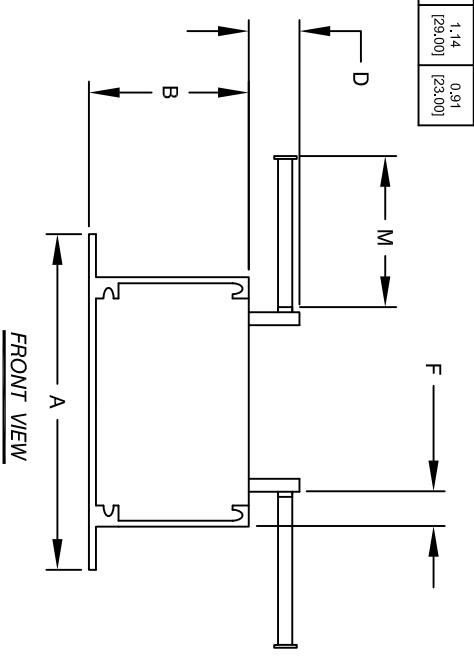


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DIMENSIONAL TOLERANCES INCHES (MM)

A	B	C	D	E	F	G	H	I	J	K	L	M	P1	P2
MAX	MAX	MAX	MAX	MIN	MIN	REF	REF	REF	REF	REF	REF	MAX	MAX	MAX
2.44 [62.00]	1.34 [34.00]	1.69 [43.00]	0.55 [14.00]	0.24 [6.00]	0.24 [6.00]	0.06±0.27 [1.68±6.8]	0.12 [3.05]	0.18 [4.55]	0.63 [16.00]	1.06 [27.00]	0.47 [12.00]	3.15 [80.00]	1.14 [29.00]	0.91 [23.00]



DC-BIAS	L
0A	30 uH
10A	26.5 uH
20A	22.5 uH
30A	19 uH
40A	16 uH
50A	14 uH

- APPLICATION: ENERGY STORAGE FILTER; SWINGING CHOKE
- BUILT TO ROHS COMPLIANCE.
- LABEL PART NUMBER AND REVISION WHERE SHOWN

WEIGHT: 376 GRAM (TYP)
 MAX INDUCTOR TEMP RATING: 200°C
 RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 85°C
 HI-POT TEST 1000VDC @ 2mA, 1 MIN. TERMINALS TO CASE
 INTERWINDING CAPACITANCE @ SRF = 13pF (TYP)
 [Z] @ SRF=2.5 KILO-OHM (TYP)
 SRF=8.5 MHz (TYP)
 RATED CURRENT: 90 AMPS WITH HEAT SINK OR AIRFLOW
 DCR = 3 MILLI-OHM MAX.
 L @ DC BIAS: SEE TABLE
 L = 30 uH ± 15% NOM AT 10 KHZ, 0.25V, ZERO DC BIAS

- SPECIFICATIONS:
 - ENCLOSURE: POTTED AND ALUMINUM METAL FRAME
 - WIRE: 200°C RATED MAGNET WIRE UL APPROVED
 - CORE: POWDER CORE
- MATERIALS:

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

REVISION HISTORY			SIGN & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A	151204	PRODUCTION RELEASE	JL	07/13/17	BO	07/13/17

UNLESS OTHERWISE SPECIFIED		AUTOCAD		X	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		SOLIDWORKS		SIGN	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].		DRAWN		DATE	
TOLERANCE INCHES: ± 0.030		ENGR.		DATE	
TOLERANCE METRICS: ± 0.025		APPR.		DATE	
ANGLE PROJECTION $\pm 0.30^\circ$		SCALE		NOT TO SCALE	
DO NOT SCALE DRAWING		PARTS LIST		Coil Winding Specialist, Inc.	
		www.coilws.com		353 W. GROVE AVE	
		scles@coilws.com		ORANGE, CA 92665	
		TITLE:		High Current Helical Inductor	
		DRAWN		JM	
		ENGR.		BO	
		APPR.		JLJU	
		DATE		08/29/17	
		DATE		08/29/17	
		SIZE		DWC. NO.	
		SCALE		EE70340-1 1 3X	
		SHEET		1 OF 1	