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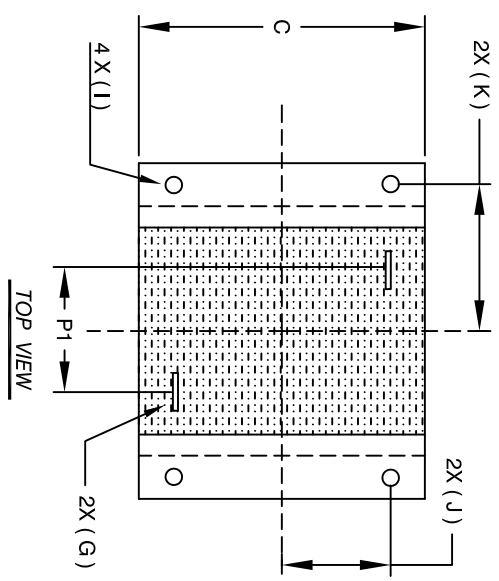
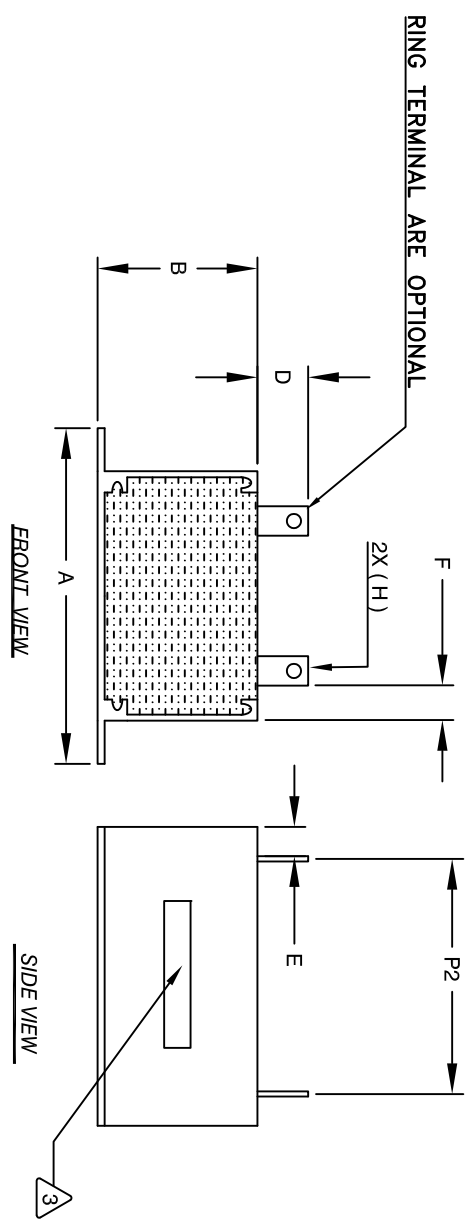
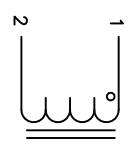
REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A	131030	PRODUCTION RELEASE	AK	07/05/16	BO	07/05/16

DIMENSIONS

	mm	In
A	85.60±0.51	3.37±0.02
B	40.13±1.27	1.58±0.05
C	61.21±1.27	2.41±0.05
D	11.43 Ref.	0.45 Ref.
E	13.46 Ref.	0.53 Ref.
F	11.18 Ref.	0.44 Ref.
G	2.5X7.5 Ref.	0.10X0.30 Ref.
H	2.72 Min.	0.107 Min.
I	4.06 Min.	0.160 Min.
J	20.50±0.38	0.81±0.015
K	37.00±0.38	1.457±0.015
P1	29.96 Ref.	1.14 Ref.
P2	34.29 Ref.	1.35 Ref.

DC-BIAS	L
0A	14.3 uH
5A	13.8 uH
10A	13.7 uH
15A	13.6 uH
20A	13.4 uH
25A	13.2 uH
30A	13.2 uH
40A	12.7 uH
50A	12.3 uH
60A	11.9 uH
70A	11.5 uH
80A	10.9 uH
90A	10.6 uH
100A	10.2 uH



QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	

- APPLICATION: ENERGY STORAGE FILTER, SWINGING CHOKE
- BUILT TO ROHS COMPLIANCE.
- MARK PART NUMBER AND REVISION WHERE SHOWN
 - WEIGHT: 435 GRAM (TYP)
 - MAX INDUCTOR TEMP RATING: 200°C
 - APPROPRIATE AIR FLOW.
 - RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 85°C WITH HI-POT TEST 1000VDC @ 2mA, 1 MIN. TERMINALS TO CASE INTERWINDING CAPACITANCE @ 10KHZ = 20pF (TYP)
 - |Z|@SRF=3.0 KILO-OHM (TYP)
 - SRF=9.4 MHZ (TYP)
 - RATED CURRENT: 160 AMPS
 - DCR = 0.98 MILLI-OHM MAX.
 - L@DC BIAS: SEE TABLE
 - L = 14uH ± 15% AT 10 KHZ, 0.25V, ZERO DC BIAS
- SPECIFICATIONS:
 - ENCLOSURE: ALUMINUM METAL
 - WIRE: 200°C RATED MAGNET WIRE UL APPROVED
 - CORE: POWDER CORE
- MATERIALS:

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

TITLE: High Current Helical Inductor
 14 uH, 160 Amps, Horizontal
 www.coilws.com
 353 W GROVE AVE
 ORANGE, CA 92665
 SIZE: DIM: NO.
 SCALE: NOT_TO_SCALE
 SHEET 1 OF 1