

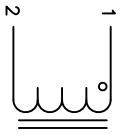
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REVISION HISTORY

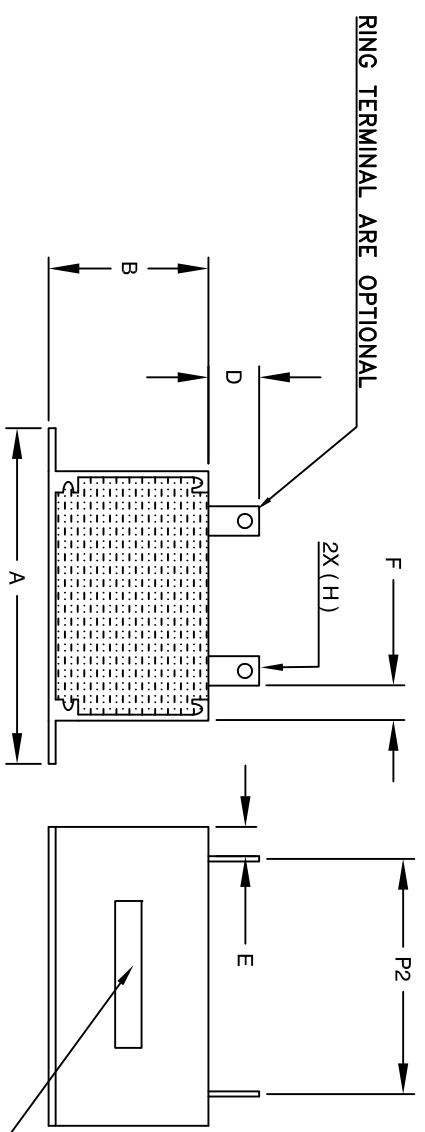
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A	131030	PRODUCTION RELEASE	AK	07/05/16	BO	07/05/16

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	1.5x7.5 Ref.	0.06x0.30 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.



SCHEMATIC



FRONT VIEW

SIDE VIEW



PICTURE

DC-BIAS	L
0A	60 uH
5A	58 uH
10A	57 uH
15A	55 uH
20A	53 uH
25A	50 uH
30A	48 uH
40A	43 uH
50A	38 uH
60A	26 uH

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

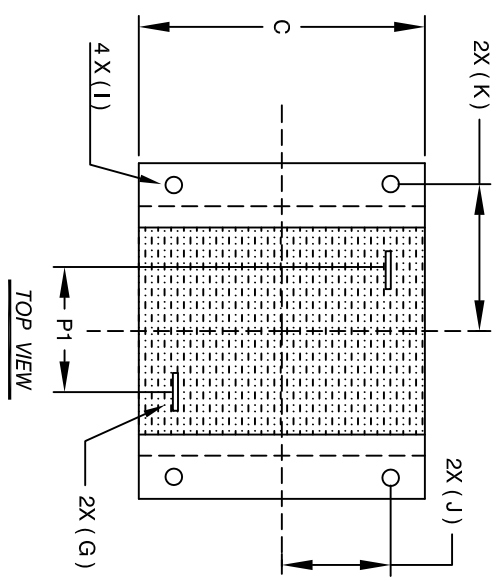
WEIGHT: 468 GRAM (TYP)
 MAX INDUCTOR TEMP RATING: 200°C
 APPROPRIATE AIR FLOW.
 RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 85°C WITH HI-POT TEST 1000VDC @ 2mA, 1 MIN. TERMINALS TO CASE INTERWINDING CAPACITANCE @ 10KHZ = 18pF (TYP)
 |Z|@SRF=6 KILO-OHM (TYP)
 SRF=4.7 MHZ (TYP)
 RATED CURRENT: 90 AMPS
 DCR = 3.0 MILLI-OHM MAX.
 L@DC BIAS: SEE TABLE
 L= 60 uH ± 15% AT 10 KHZ, 0.25V, ZERO DC BIAS

2 SPECIFICATIONS:

ENCLOSURE: ALUMINUM METAL
 WIRE: 200°C RATED MAGNET WIRE UL APPROVED
 CORE: POWDER CORE

1 MATERIALS:

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



TOP VIEW

UNLESS OTHERWISE SPECIFIED	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].	
TOLERANCE INCHES: .XXX±.010 .XX±.020	∠=±0°30'
TOLERANCE METRICS: .XXX±.254 .XX±.51	∠=±0°30'
ANGLE PROJECTION	
DO NOT SCALE DRAWING	

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD SOLIDWORKS SIGN	X		
	DATE			
	DRAWN AK	7/29/16		
	CHKD JM	7/29/16		
	ENGR. JL	7/29/16		
	APPR. BO	7/29/16		
TITLE:		www.coilws.com		
SCALE:		353 W. GROVE AVE		
NOT TO SCALE		ORANGE, CA 92565		
SHEET 1 OF 1		Coil Winding Specialist, Inc.		
		High Current Helical Inductor		
		60 uH, 90 Amps, Horizontal		
		EES55244-600M-90A		
		REV A		