

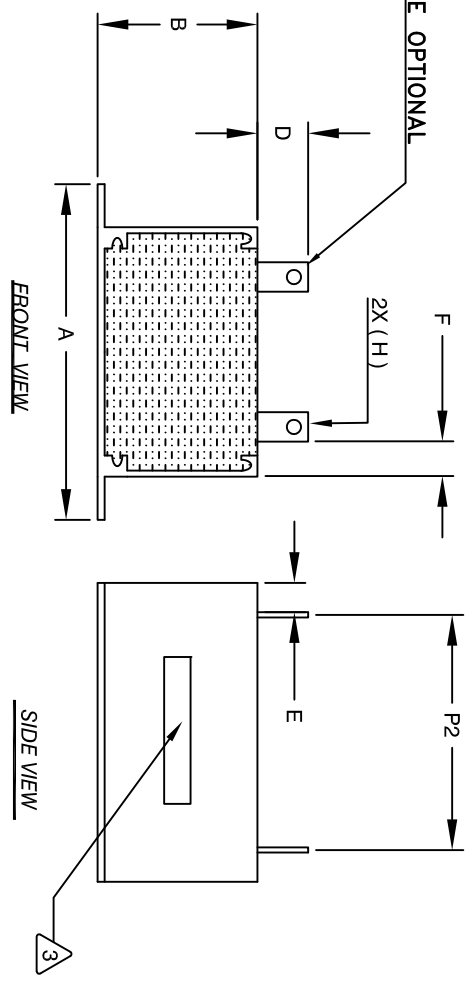
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REVISION HISTORY

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	0.7X7.0 Ref.	0.03X0.28 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.

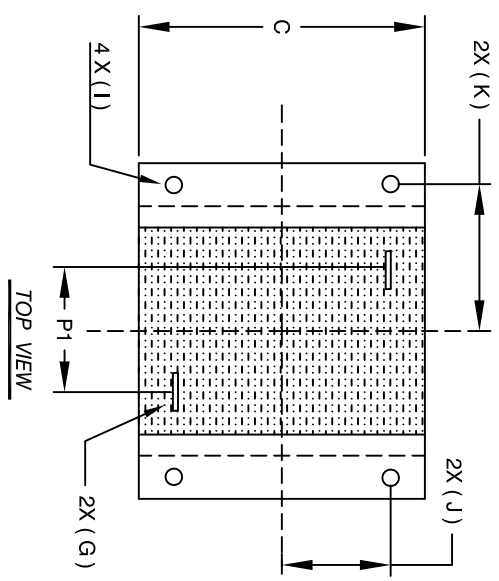


- APPLICATION: ENERGY STORAGE FILTER, SWINGING CHOKE.
- BUILT TO ROHS COMPLIANCE.
- MARK PART NUMBER AND REVISION WHERE SHOWN

WEIGHT: 458 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 = 21.06PF (TYP)
 |Z|@SRF=6.9 KILO-OHM (TYP)
 SRF=1.8 MHZ (TYP)
 RATED CURRENT: 27 AMPS
 DCR = 13.5 MILLI-OHM MAX.
 L@DC BIAS: SEE TABLE
 L= 340 uH ± 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



PICTURE

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

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	

AUTOCAD SOLIDWORKS SIGN	DATE	TITLE	SCALE	REV
AK	7/29/16	High Current Helical Inductor 340 uH, 27 Amps, Horizontal	A	A
JM	7/29/16			
JL	7/29/16			
APPR. BO	7/29/16			

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Coil Winding Specialist, Inc.
 High Current Helical Inductor
 340 uH, 27 Amps, Horizontal

SIZE Dwg. No. EES55246-341M-27A
 SCALE NOT_TO_SCALE SHEET 1 OF 1