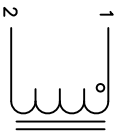


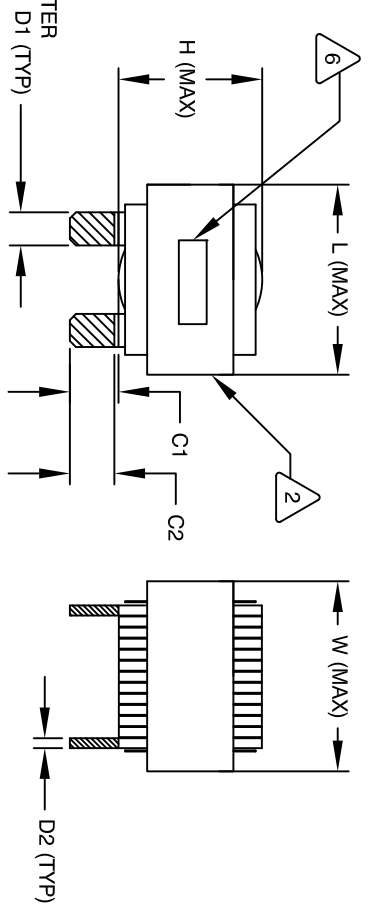
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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	CHK	DATE	DATE
A	130528-1	PRODUCTION RELEASE	AK		5/28/13	5/28/13
A1		UPDATE SPEC.	NI		10/02/17	10/02/17
B		REVISED DIMENSIONAL TOLERANCE	NI		08/08/18	08/08/18



SCHEMATIC



DIMENSIONAL TOLERANCE

	mm	inch
C1	13±1.50	0.51±0.06
C2	12±1.50	0.47±0.06
D1	7.6 (TYP)	0.29 (TYP)
D2	2.6 (TYP)	0.10 (TYP)
L	58.0 MAX	2.29 MAX
W	58.0 MAX	2.29 MAX
H	37.0 MAX	1.46 MAX
P1	27.60 TYP	1.09 TYP
P2	34.40 TYP	1.35 TYP

6 MARK PART NUMBER AND REVISION WHERE SHOWN

5 VARNISH PART AND CURE APPLY SILICON WHERE SHOWN

4 WRAP TAPE AROUND CORES ASSEMBLE PRE FORMED FLAT HELICAL COIL CONSTRUCTION

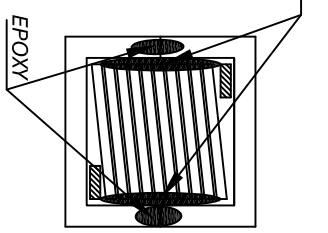
3 WEIGHT: 505.0 GRAM (TYP)
 MAX INDUCTOR TEMP RATING: 200°C
 RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 85°C AT 55°C AMBIENT
 HI-POT TEST FOR WINDING TO CORE ISOLATION, 1000VDC @ 2mA, 1 MIN
 INTERWINDING CAPACITANCE @ 10KHZ = 16 pF (TYP)
 |z|@SRF=2 KILO-OHM (TYP)
 SRF=8.0 MHz (TYP)
 RATED CURRENT: 160 AMPS
 DCR = 1.10 MILLIOHM MAX.
 L = 26 uH NOM. ±15%, MEASURED AT 10 KHZ, 0.25V, ZERO DC BIAS
 SPECIFICATIONS:

2 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
 CORE: COMPACTED POWDERED CORE

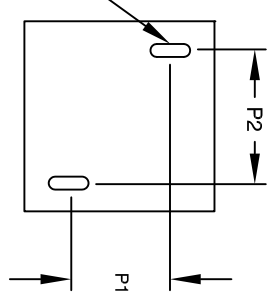
1 INSULATION CLASS 200°C REQUIRED
 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

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

BOTTOM VIEW



MOUNTING HOLES PATTERN



QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
	AUTOCAD SOLIDWORKS SIGN	X		
	DATE	DATE		
	5/28/13	5/28/13		
	AK	JM		
	5/28/13	5/28/13		
	ENGR.	KC		
	5/28/13	5/28/13		
	APPR.	BO		
	5/28/13	5/28/13		
	SCALE	SIZE	DWG. NO.	REV
	NOT_TO_SCALE	B	EK55246-260M-160AH	B

TITLE: High Current Helical Inductor
 26 uH, 160 Amps, Horizontal

www.coilws.com
 sales@coilws.com
 Coil Winding Specialist, Inc.
 353 W. GROVE AVE
 ORANGE, CA 92665