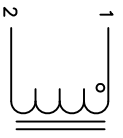


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REVISION HISTORY

REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	RCL	6/22/11	JCL	3/21/11
B		UPDATED ELECTRICAL SPEC.	TR	11/19/18	JL	11/19/18



SCHEMATIC

- 8 NOISE FILTER APPLICATION: ENERGY STORAGE FILTER, SWINGING CHOKES
- 7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

- 6 MARK PART NUMBER AND REVISION WHERE SHOWN
- 5 VANISH PART AND CURE APPLY SILICON WHERE SHOWN

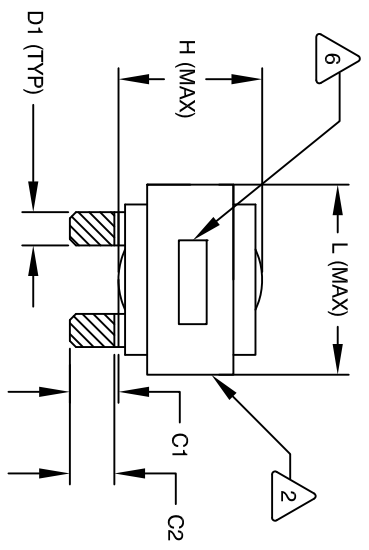
- 4 WRAP TAPE AROUND CORES WITH CORES AND NOMEX SPACERS ASSEMBLE PRE FORMED FLAT HELICAL COIL CONSTRUCTION

- 3 VANISH DOLPH OR EQUAL SILICON DOW CORNING OR EQUAL NOMEX SPACERS FOR SIDE AND CENTER LEG OF CORES OUTER WRAP: 3M GLASS OR EQUAL WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CORE: COMPACTED POWDERED CORE

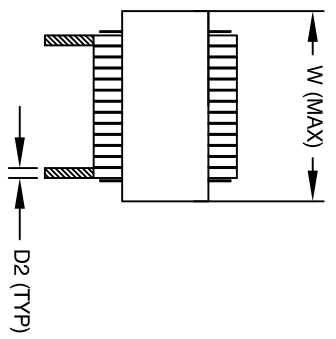
- 2 INSULATION CLASS 200°C REQUIRED MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

CAGE NO: 5DME2

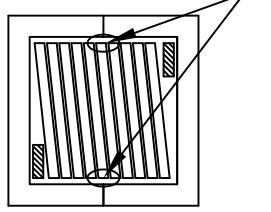
NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.



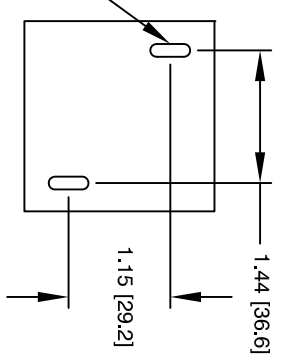
FRONT VIEW



SIDE VIEW



BOTTOM VIEW



MOUNTING HOLES PATTERN

DIMENSIONAL TOLERANCE

	mm	Inch
C1	13.96±1.50	0.55 ± 0.06
C2	11.41±1.00	0.45 ± 0.04
D1	7.0 (TYP)	0.28 (TYP)
D2	0.7 (TYP)	0.03 (TYP)
L	58.0 MAX	2.29 MAX
W	58.0 MAX	2.29 MAX
H	35.0 MAX	1.37 MAX

DC-BIAS	L
0A	372.2uH
5A	334.7uH
10A	272.8uH
15A	210.7uH
20A	160.4uH
25A	129.1uH
27A	120.0uH

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
			www.coilw.com	
			353 W. GROVE AVE	
			ORANGE, CA 92665	
			Coil Winding Specialist, Inc.	
			TITLE:	
			High Current Helical Inductor	
			340 uH, 27 Amps, Horizontal	
			SIZE Dwg. NO.	
			ESS55246-341M-27AH	
			SCALE	
			NOT_TO_SCALE	
			SHEET	
			1 OF 1	

UNLESS OTHERWISE SPECIFIED
 DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
 ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].
 TOLERANCE INCHES: $\phi = \pm 0.30$
 .XXX-±0.10 .XX-±0.20
 TOLERANCE METRCS: $\phi = \pm 0.30$
 .XXX-±.254 .XX-±.51
 ANGLE PROJECTION
 DO NOT SCALE DRAWING