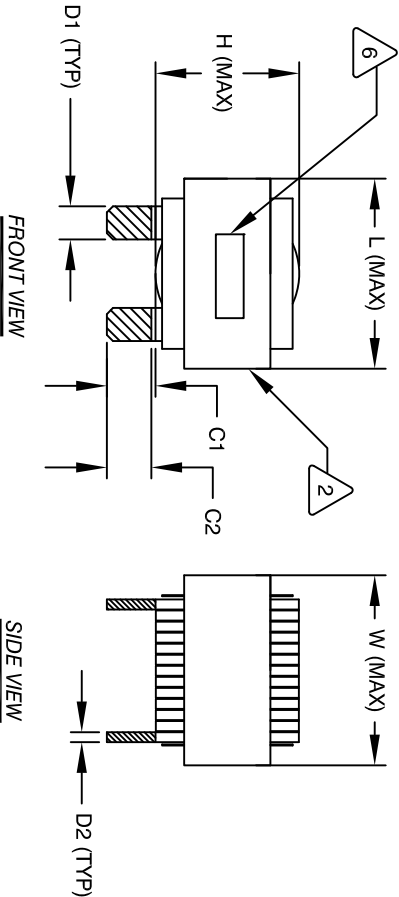


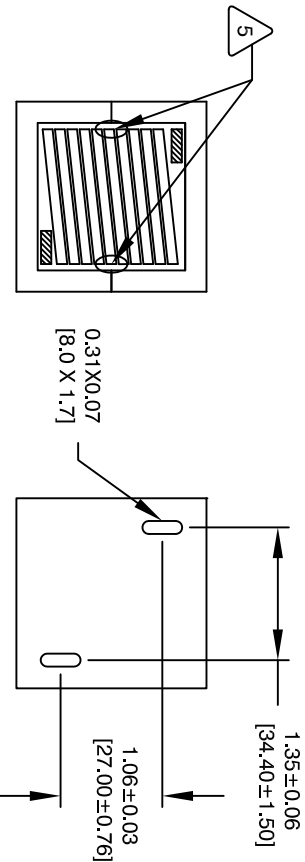
REVISION HISTORY				
REV	ECN	DESCRIPTION	SIGN & DATE	
			BY	DATE
A		PRODUCTION RELEASE	RCL	6/22/11
B		UPDATED ELECTRICAL SPEC.	TN	11/19/18
C		UPDATED MECHANICAL SPEC.	JL	03/26/21

SIGN & DATE			
BY	DATE	CHK	DATE
ROL	6/22/11	JCL	3/21/11
TN	11/6/08	JL	11/19/08
TN	03/26/21	JL	03/26/21

DIMENSIONAL TOLERANCE	
	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



BOTTOM VIEW


MOUNTING HOLES PATTERN

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

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

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

CAGE NO: 5DME2

QTY		CODE	IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST						
AUTOCAD		X		Coil Winding Specialist, Inc. 353 W GROVE AVE ORANGE, CA 92665		
SOLIDWORKS						
UNLESS OTHERWISE SPECIFIED		SIGN				
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M		DATE				
ALL DIMENSIONS ARE IN INCHES AND (MILLIMETERS).		DRAWN		TITLE:		
TOLERANCE INCHES: .XXX±=.010 .XX±=.020		RL		High Current Helical Inductor		
TOLERANCE METRICS: .XXX±=.254 .XX±=.51		JL/AU		340 uH, 27 Amps, Horizontal		
ANGLE PROJECTION		ENGR.				
		JL/AU				
DO NOT SCALE DRAWING		APPR.		SIZE: DWS. NO.		
		JL/AU		B ES55246-341M-27AH		
				SCALE: NOT_TO_SCALE		
				SHEET 1 OF 1		