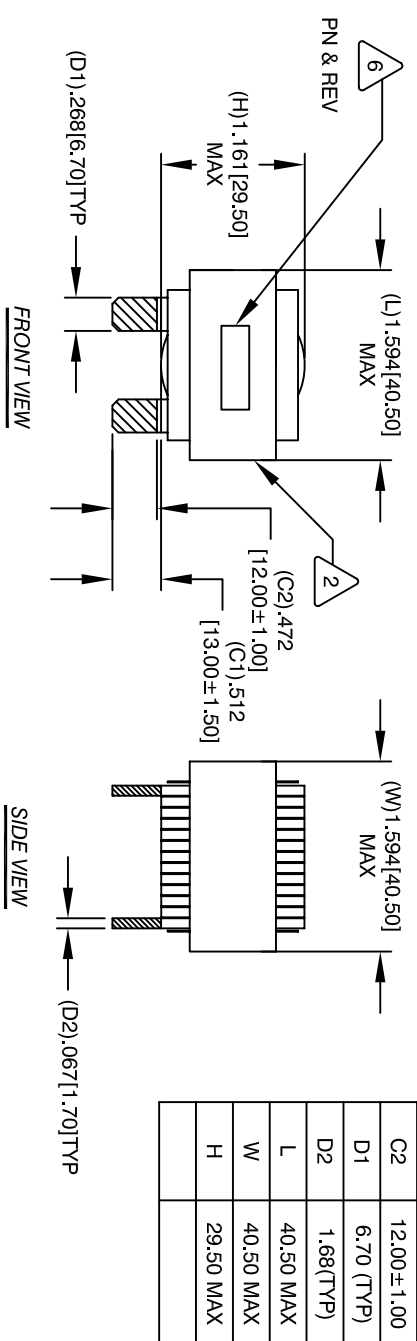
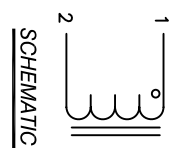


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

REVISION HISTORY

REV	ECN	DESCRIPTION	BR	DATE	CHK	DATE
A		PRODUCTION RELEASE	BUN	6/06/07	JLJU	6/06/07
B		REVISED DIMENSIONAL TOLERANCES	KJC	11/5/09	JK	11/5/09
B1		UPDATED SPECIFICATIONS	OM	2/01/11	JLJU	2/01/11



DIMENSION TOLERANCE [mm]

Feature	Tolerance
C1	13.00 ± 1.50
C2	12.00 ± 1.00
D1	6.70 (TYP)
D2	1.68 (TYP)
L	40.50 MAX
W	40.50 MAX
H	29.50 MAX

7 BUILT TO ROHS COMPLIANCE AND LEAD FREE.

6 SHOWN, USING A PERMANENT MARKING METHOD 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 WEIGHT: 200 GRAM RECOMMENDED OPERATING TEMP: -40°C TO 85°C AT 55 °C AMBIENT HI-POT TEST FOR WINDING TO CORE ISOLATION. 1000VDC @ 2mA, 1 MIN RATED CURRENT: 120 AMPS DCR=1.95 MILLI-OHM MAX., USING GW INSTTEK GOM-801H OR EQUAL L= 23.0 uH (TYP) AT 25 AMPS DC BIAS L= 30.0 uH ± 15%, MEASURED AT 10 KHz, 0.25V, ZERO DC BIAS Q= 60 MIN SPECIFICATIONS:

2 VANISH DOLPH BC-346A or EQUAL SILICON DOW CORNING RTV 3165 OR EQUAL NOMEX SPACERS FOR SIDE AND CENTER LEG OF CORES OUTER WRAP: 3M #69 GLASS CLOTH OR OR EQUAL WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE CORE: POWDERED CORE

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

NOTES: UNLESS OTHERWISE SPECIFIED, READ FROM BOTTOM UP.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			Inductor, High Current Helical 30 uH, 120 Amps, Horizontal	
<p>PARTS LIST</p> <p>www.coilws.com 353 W. GROVE AVE ORANGE, CA 92665</p>				
<p>UNLESS OTHERWISE SPECIFIED</p> <p>DIMENSIONING AND TOLERANCE PER ANSI Y14.5M</p> <p>ALL DIMENSIONS ARE IN INCHES AND [DIMETERS].</p> <p>TOLERANCE INCHES: .XX=±.010 .X=±.020 TOLERANCE METRCS: .XX=±.254 .X=±.51</p> <p>ANGLE PROJECTION</p> <p>DO NOT SCALE DRAWING</p>		<p>SCALE: 1=1</p> <p>SHEET 1 OF 1</p>		