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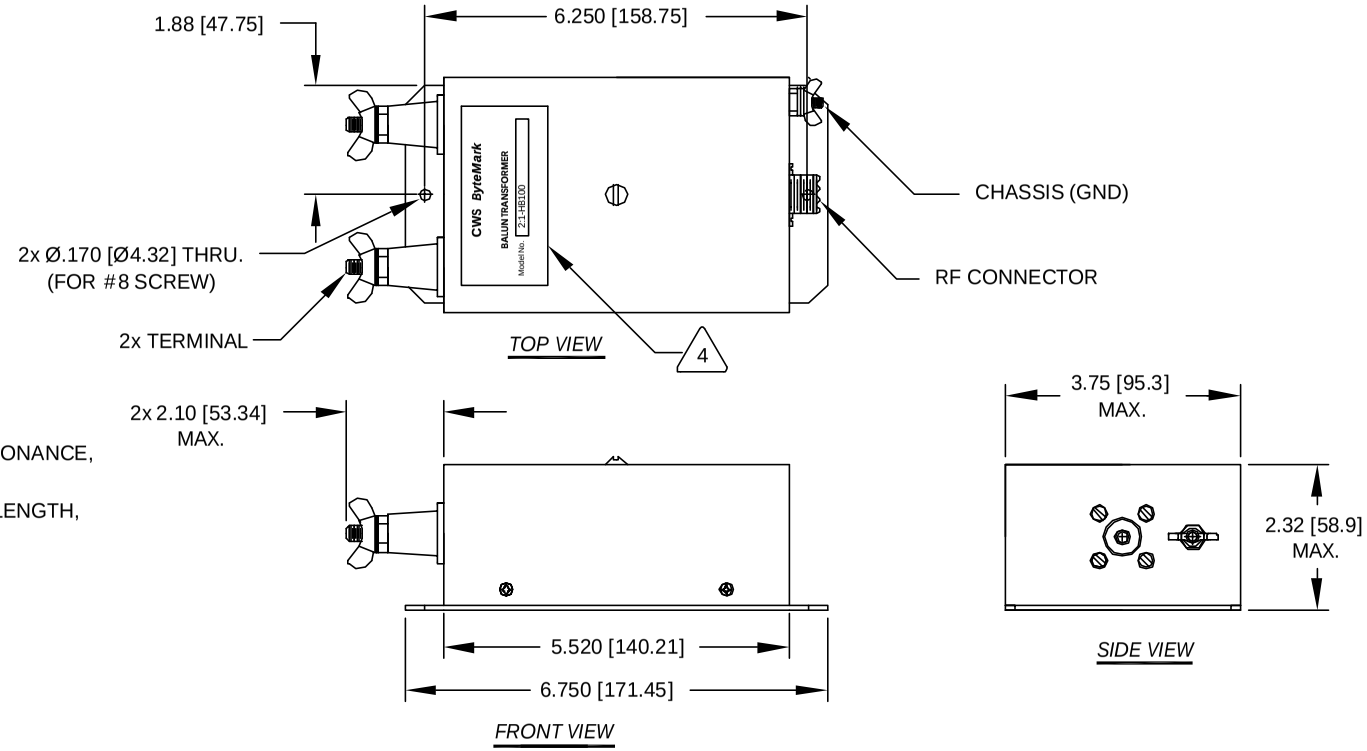
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	TDK	2/06/06	JLAU	2/06/06



INPUT IMPEDANCE CLOSE TO 100 OHMS.
FOR QUAD LOOP ANTENNAS WHICH HAVE RESONANCE,
ABOVE GROUND.
FOR 1/2 WAVE DIPOLE AT 0.22 AND 0.33 WAVELENGTH,
5 APPLICATIONS:

4 WHERE SHOWN
MARK PART NUMBER AND REVISION

TO BALANCED OUTPUT: 100 OHMS
UNBALANCED CO-AXIAL INPUT: 50 OHMS SO239 OR N2
IMPEDANCE MATCH RATIO: 2:1
3 SPECIFICATIONS:

WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
CWS BYTEMARK OR OTHER APPROVED PART
2 CORE: COATED FERRITE TOROID, K MATERIAL

1 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY

NOTES: UNLESS OTHERWISE SPECIFIED.

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

PARTS LIST

AUTOCAD		X
SOLIDWORKS		
SIGN		DATE
DRAWN	TDK	2/06/06
CHECKED	JLAU	2/06/06
ENGR.	KSUM	2/06/06
APPR.	JLAU	2/06/06

UNLESS OTHERWISE SPECIFIED
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M
ALL DIMENSIONS ARE IN INCHES AND [MILIMETERS].
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 ∢=±0°30'
TOLERANCE METRICS: .XXX=±.254 .XX=±.51 ∢=±0°30'
ANGLE PROJECTION
DO NOT SCALE DRAWING

COILWS COM, INC
www.coilws.com

CWS Coil Winding Specialist.
353 W. GROVE AVENUE
ORANGE, CA. 92865

TITLE: Balun Transformer
50 ohms to 100 ohms

SIZE B | DWG. NO. BAL-100 | REV B

SCALE 2=1 | SHEET 1 OF 1

EP FORM0005 REV 3 10/01

CAD-FILE: