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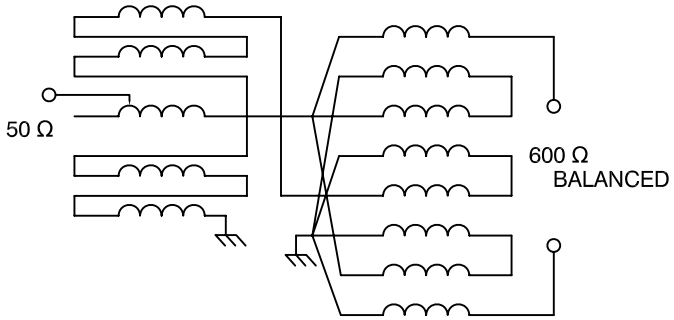
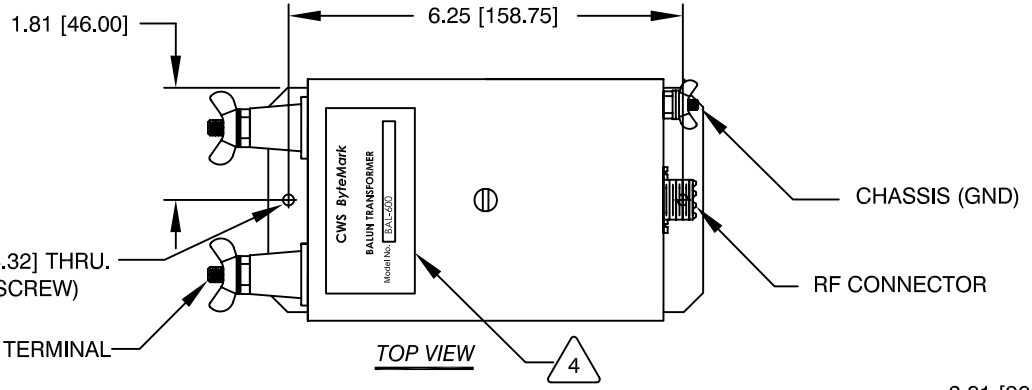
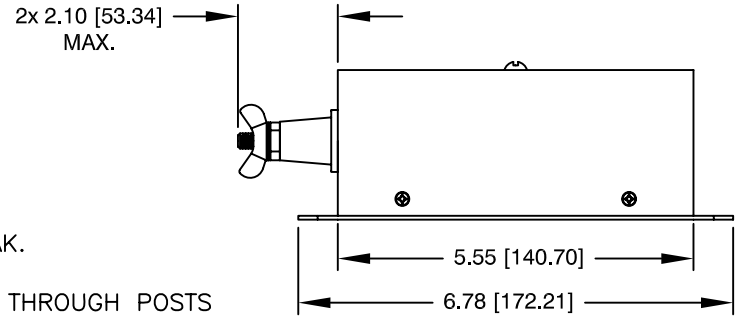
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	TDK	2/07/06	JLAU	2/07/06
C		UPDATED AND ROHS COMPLIANT	RJL	2/05/11	JLAU	2/05/11



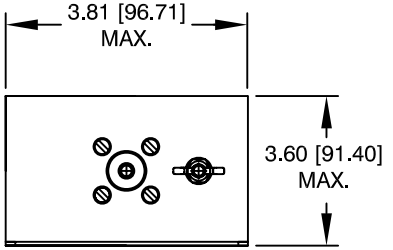
SCHEMATIC



TOP VIEW



FRONT VIEW



SIDE VIEW

6 BUILT TO ROHS COMPLIANCE

FOR RHOMBIC AND V–BEAM ANTENNAS

5 APPLICATIONS:

△4 WHERE SHOWN
MARK PART NUMBER AND REVISION

EFFICIENCY = 96%
POWER RATING: 1 KW CONTINUOUS, 2 KW PEAK.
FREQUENCY RANGE: 1.7 MHZ TO 22 MHZ
TO BALANCED OUTPUT: 600 Ω, CERAMIC FEED THROUGH POSTS
UNBALANCED CO–AXIAL INPUT: 50 Ω SO239
IMPEDANCE MATCH RATIO: 1:12

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, READ TEXT FROM BOTTOM UP.

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

PARTS LIST

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

		SIGN	DATE
AUTOCAD	X		
SOLIDWORKS			
DRAWN	TDK	2/07/06	
CHECKED	JLAU	2/07/06	
ENGR.	KSUM	2/07/06	
APPR.	JLAU	2/07/06	

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Coil Winding Specialist Inc.
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Orange, CA 92865, USA

TITLE: Transmission Line Transformer
Balun Transformer
50 Ω : 600 Ω

SIZE B | DWG. NO. BAL-600 | REV C

SCALE NOT_TO_SCALE | SHEET 1 OF 1

CAD–FILE: