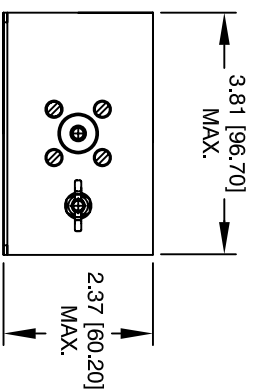
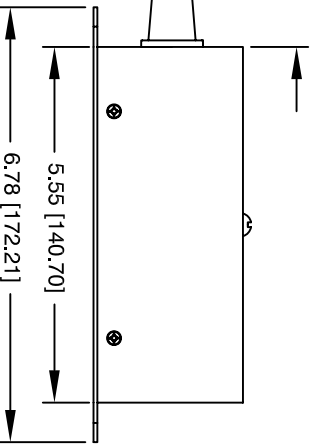
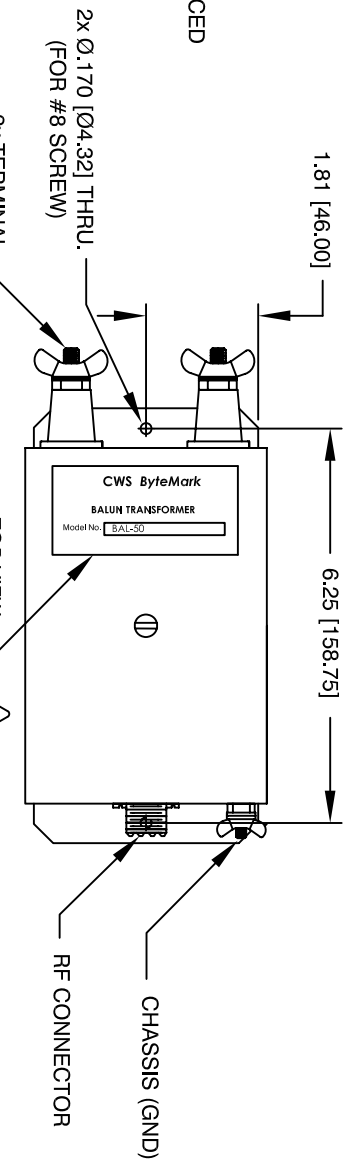
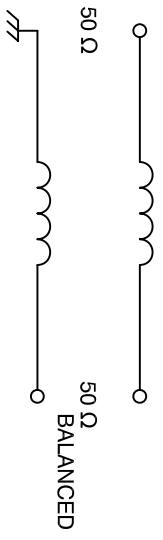


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REVISION HISTORY		SIGN & DATE				
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
B		PRODUCTION RELEASE	TDK	2/07/06	JLJU	2/07/06
C		UPDATED AND ROHS COMPLIANT	RLL	1/28/11	JLJU	1/28/11



**SCHEMATIC**

- BUILT TO ROHS COMPLIANCE
- LC TUNING NETWORK TRANSCIEVER, LINEAR AMPLIFIER, FOR 1/2 WAVE DIPOLE OR YAGI BEAM APPLICATIONS:
- WHERE SHOWN MARK PART NUMBER AND REVISION
- EFFICIENCY = 99%
- POWER RATING: 5 KW CONTINUOUS, 10 KW PEAK.
- FREQUENCY RANGE: 1.0 MHZ TO 50 MHZ
- TO BALANCED OUTPUT: 50 Ω, CERAMIC FEED THROUGH POSTS
- UNBALANCED CO-AXIAL INPUT: 50 Ω SO239 IMPEDANCE MATCH RATIO: 1:1
- SPECIFICATIONS:

- WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
  - CWS BYEMARK OR OTHER APPROVED PART
  - CORE: COATED FERRITE TOROID, K MATERIAL
  - 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.
			<b>PARTS LIST</b>	
	AUTOCAD SOLIDWORKS		CWS Coil Winding Specialist Inc.	
	SIGN	DATE	www.coilws.com scales@coilws.com	
	DRWN	DATE	353 West Grove Avenue Orange, CA 92865, USA	
	CHKD	DATE	TITLE: Transmission Line Transformer	
	ENGR	DATE	Balun Transformer	
	KSUM	DATE	50 Ω : 50 Ω	
	APPR	DATE	SIZE DWG. NO. <b>BAL-50</b>	REV <b>C</b>
	JLJU	2/07/06	SCALE <b>NOT TO SCALE</b>	SHEET <b>1</b> OF <b>1</b>

UNLESS OTHERWISE SPECIFIED  
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M  
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS].  
TOLERANCE INCHES:  $\phi$  = ±0.30  
XXX = ±0.10 XX = ±0.20  
TOLERANCE METRICS:  $\phi$  = ±0.30  
XXX = ±0.25 XX = ±0.51  
ANGLE PROJECTION  $\phi$   
DO NOT SCALE DRAWING