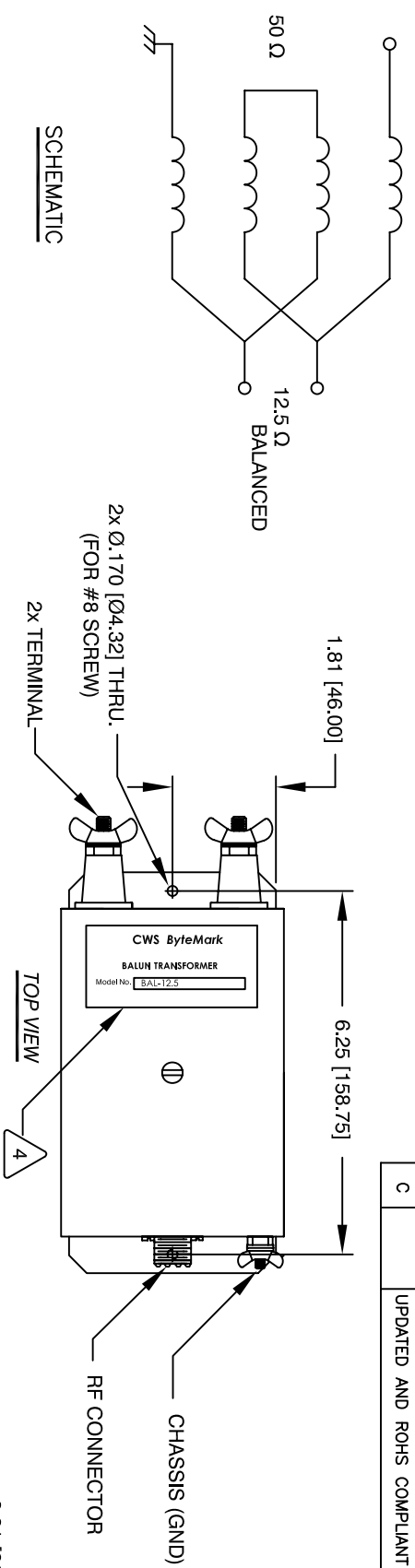


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REVISION HISTORY

REV	ECN	DESCRIPTION	SIGN & DATE			
			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

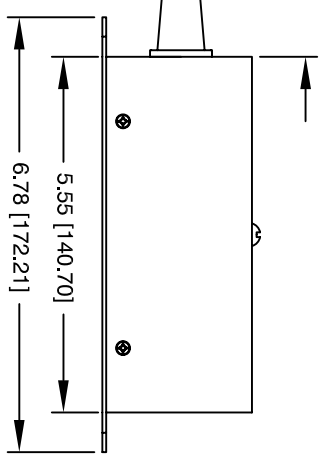
- 6 BUILT TO ROHS COMPLIANCE
- FOR DIRECT CONNECTION TO YAGI BEAM APPLICATIONS:



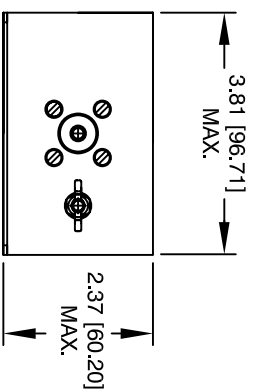
WHERE SHOWN
MARK PART NUMBER AND REVISION

- EFFICIENCY = 99%
- POWER RATING: 1 KW CONTINUOUS, 2 KW PEAK.
- FREQUENCY RANGE: 1.0 MHZ TO 50 MHZ
- TO BALANCED OUTPUT: 12.5 Ω, CERAMIC FEED THROUGH POSTS
- UNBALANCED CO-AXIAL INPUT: 50 Ω, SO239 IMPEDANCE MATCH RATIO: 4:1
- 3 SPECIFICATIONS:

- 1 WIRE: UL RECOGNIZED 200°C RATED MAGNET WIRE
 - 2 CWS BYTEMARK OR OTHER APPROVED PART
 - 3 CORE: COATED FERRITE TOROID, K MATERIAL
 - 4 MATERIAL: UL RECOGNIZED 94V-0 FOR FLAMMABILITY
- NOTES: UNLESS OTHERWISE SPECIFIED, READ TEXT FROM BOTTOM UP.



FRONT VIEW



SIDE VIEW

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
			PARTS LIST	
			AUTOCAD SOLIDWORKS	
			UNLESS OTHERWISE SPECIFIED	
			DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]	
			TOLERANCE INCHES:	
			.XXX±.010 XX±.020	±.0030'
			.XXX±.025 XX±.051	±.0075'
			ANGLE PROJECTION	
			DO NOT SCALE DRAWING	
			WWW.COILWS.COM	
			CWS Coil Winding Specialist Inc.	
			353 West Grove Avenue	
			Orange, CA 92865, USA	
			TITLE: Transmission Line Transformer	
			Balun Transformer	
			50 Ω : 12.5 Ω	
			SIZE Dwg. No.	
			BAL-12.5	
			SCALE NOT TO SCALE	
			REV C	
			SHEET 1 OF 1	