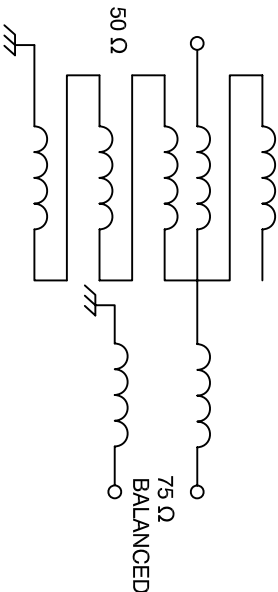


The information contained in this drawing is the sole property of CWS Coil Winding Specialist. Any reproduction in part or whole without written permission of CWS Coil Winding Specialist is prohibited.

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



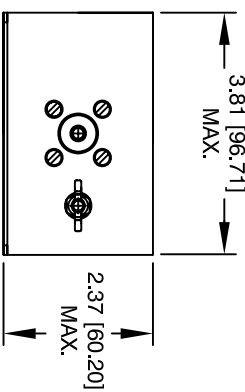
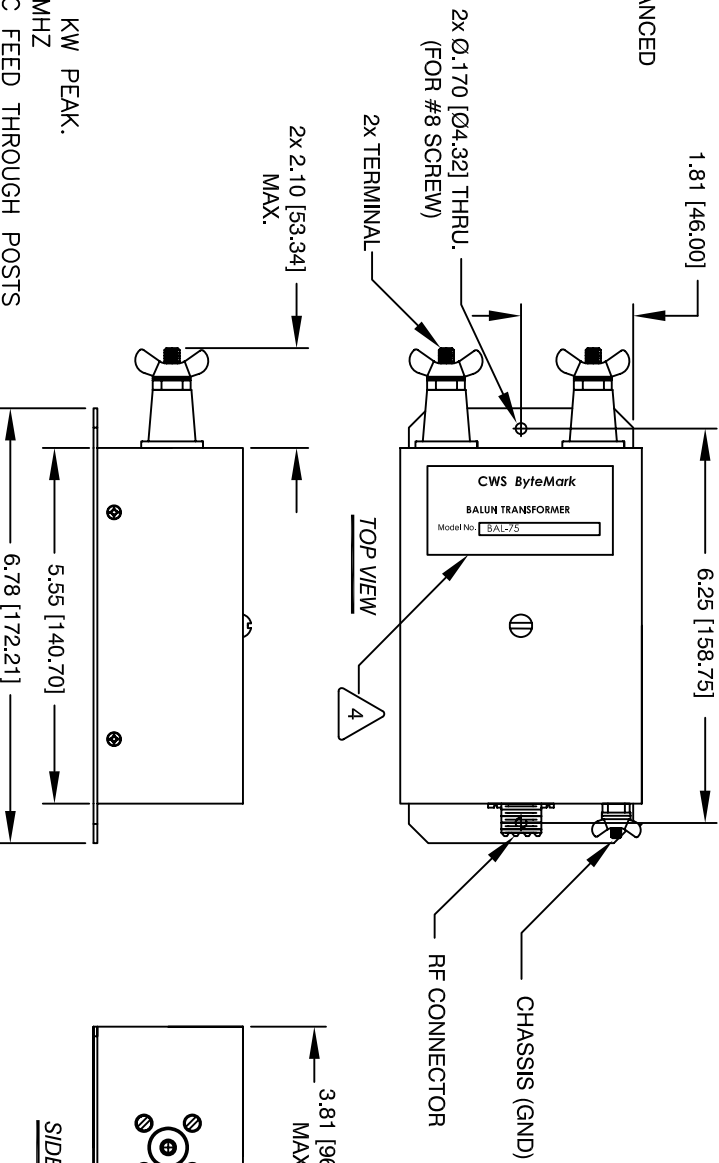
SCHEMATIC

- 6 BUILT TO ROHS COMPLIANCE
- WAVELENGTHS ABOVE GROUND
- FOR 1/2 WAVE DIPOLES AT 0.22
- 5 APPLICATIONS:

WHERE SHOWN
MARK PART NUMBER AND REVISION

- 4
- EFFICIENCY = 98%
- POWER RATING: 1 KW CONTINUOUS, 2 KW PEAK.
- FREQUENCY RANGE: 1.0 MHZ TO 50 MHZ
- TO BALANCED OUTPUT: 75 Ω, CERAMIC FEED THROUGH POSTS
- UNBALANCED CO-AXIAL INPUT: 50 Ω SO239
- IMPEDANCE MATCH RATIO: 1:1.5
- 3 SPECIFICATIONS:

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



SIDE VIEW

FRONT VIEW

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD				
SOLIDWORKS				
SIGN				
DATE				
DRAWN TDK				
2/07/06				
CHECKED JLJU				
2/07/06				
ENGR. KSUM				
2/07/06				
APPR. JLJU				
2/07/06				
DO NOT SCALE DRAWING				
TITLE: Transmission Line Transformer				
Balun Transformer				
50 Ω : 75 Ω				
SIZE [IMG. NO.]				
B BAL-75				
SCALE NOT_TO_SCALE				
SHEET 1 OF 1				