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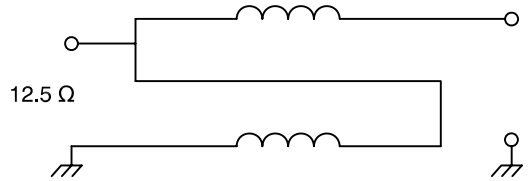
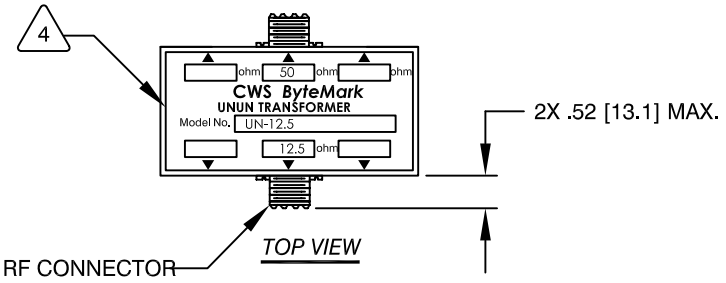
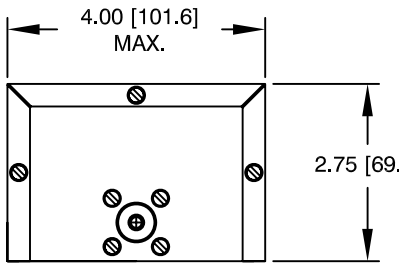
REVISION HISTORY						
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	TDK	8/25/04	JLAU	8/25/04
B		UPDATED AND ROHS COMPLIANT	RJL	1/23/11	JLAU	1/23/11



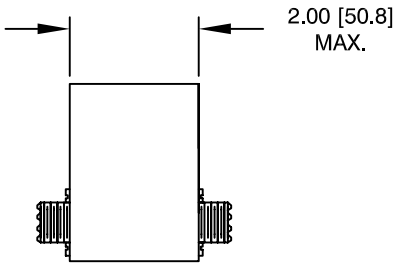
SCHEMATIC



TOP VIEW



FRONT VIEW



SIDE VIEW

6 BUILT TO ROHS COMPLIANCE

AND OTHER 12.5 Ω LINE
VERTICAL BEAMS, SLOPERS AND INVERTED L's,
GROUND FED ANTENNAS I.E. SHORTENED VERTICALS,
5 APPLICATIONS:

△4 WHERE SHOWN
MARK PART NUMBER AND REVISION
EFFICIENCY = 99%
POWER RATING: 1 KW CONTINUOUS, 2 KW PEAK.
FREQUENCY RANGE: 1.0 MHZ TO 40 MHZ
TO UNBALANCED OUTPUT: 12.5 Ω, SO239
UNBALANCED CO-AXIAL INPUT: 50 Ω, SO239
IMPEDANCE MATCH RATIO: 4:1
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, READ TEXT FROM BOTTOM UP.

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

PARTS LIST

AUTOCAD	X
SOLIDWORKS	

UNLESS OTHERWISE SPECIFIED	SIGN	DATE
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		
DRAWN	TDK	8/25/04
CHECKED	JLAU	8/25/04
ENGR.	KSUM	8/25/04
APPR.	JLAU	8/25/04

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Orange, CA 92865, USA

TITLE: Transmission Line Transformer
UNUN Transformer
50 Ω : 12.5 Ω

SIZE	DWG. NO.	REV
B	UN-12.5	B

SCALE 2=1 SHEET 1 OF 1

CAD-FILE: