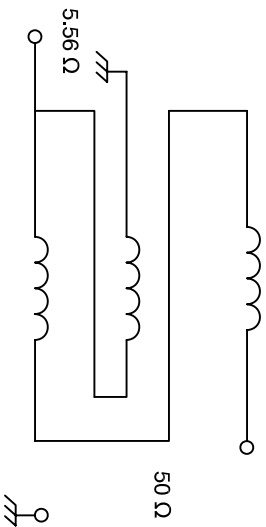
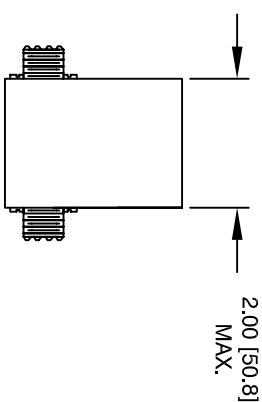
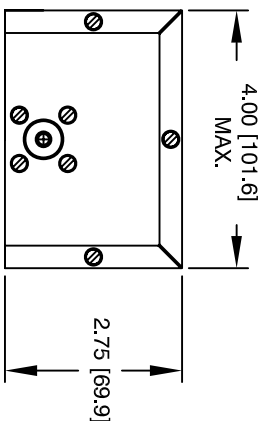
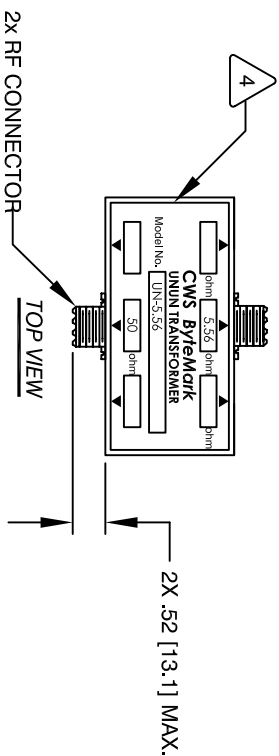


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SCHEMATIC



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	RLL	1/17/11	JLAU	1/17/11

6 BUILT TO ROHS COMPLIANCE

AND OTHER 5.56 Ω LINE
(VERTICALS, SLOPERS, INVERTED L's AND TOWERS)
MATCH 50 Ω COAXIAL TO GROUND FED ANTENNAS,
5 APPLICATIONS:

WHERE SHOWN

4 MARK PART NUMBER AND REVISION

EFFICIENCY = 99%

POWER RATING: 2 KW CONTINUOUS, 4 KW PEAK.

FREQUENCY RANGE: 1 MHZ TO 30 MHZ

TO UNBALANCED OUTPUT: 5.56 Ω , SO239

UNBALANCED CO-AXIAL INPUT: 50 Ω , SO239

IMPEDANCE MATCH RATIO: 9:1

3 SPECIFICATIONS:

2 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.

QTY		CODE IDENT	MFG. P/N	DESCRIPTION		ITEM NO.
PARTS LIST						
AUTOCAD		X		CWS Coil Winding Specialist Inc. 353 West Grove Avenue Orange, CA 92665, USA		
SOLIDWORKS						
SIGN		DATE				
DRAWN		TDK	8/25/04	TITLE: Transmission Line Transformer UNUN Transformer 50 Ω to 5.56 Ω		
CHECKED		JLAU	8/25/04			
ENGR.		KSUM	8/25/04			
APPR.		JLAU	8/25/04	SIZE	DWG. NO.	REV.
				B	UN-5.56	B
SCALE		2=1		SHEET 1 OF 1		