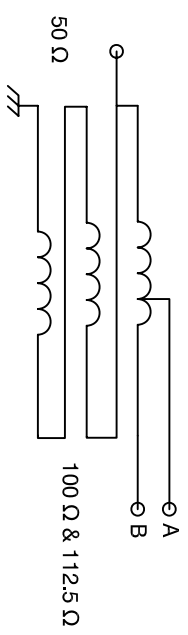


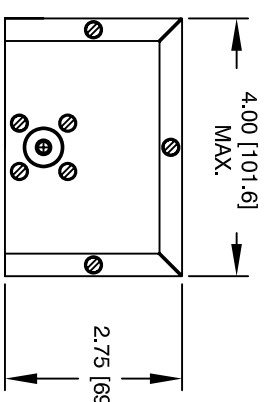
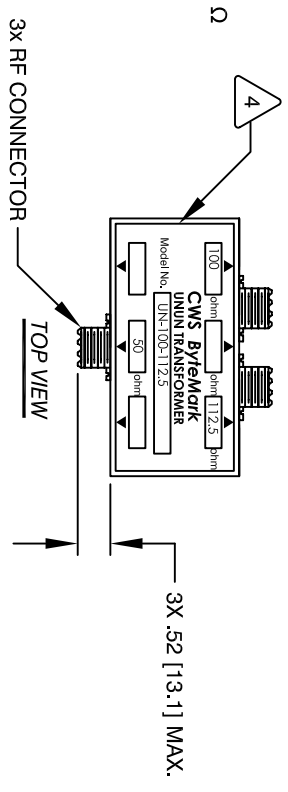
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REVISION HISTORY

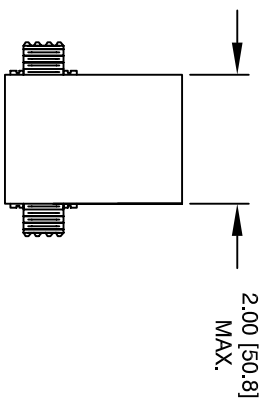
REV	ECN	DESCRIPTION	SIGN & DATE			
			BY	DATE	CHK	DATE
A		PRODUCTION RELEASE	TDK	8/25/04	JLJU	8/25/04
B		UPDATED AND ROHS COMPLIANT	RLL	1/22/11	JLJU	1/22/11



SCHEMATIC



FRONT VIEW



SIDE VIEW

- 6 BUILD TO ROHS COMPLIANCE
- 5 TO MATCH 50Ω COAXIAL TO ANY 100 Ω OR 112.5 Ω LINE 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: (100 Ω OR 112.5 Ω) SO239
 UNBALANCED CO-AXIAL INPUT: 50 Ω, SO239
 IMPEDANCE MATCH RATIO = 2 :1 AND 2.25:1
 SPECIFICATIONS:

- 3 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 NOTES FROM BOTTOM TO TOP.

QTY	CODE IDENT	MFG. P/N	DESCRIPTION	ITEM NO.
PARTS LIST				
AUTOCAD SOLIDWORKS		www.coilws.com CWS Coil Winding Specialist Inc. sdes@coilws.com 353 West Grove Avenue Orange, CA 92865, USA		
UNLESS OTHERWISE SPECIFIED	DRAWN TDK	DATE 8/25/04	TITLE: Transmission Line Transformer	
DIMENSIONING AND TOLERANCE PER ANSI Y14.5M AND [MILLIMETERS]	CHKD JLJU	DATE 8/25/04	Dual Output UNUN	
TOLERANCE INCHES: .XX=±.020 .X=±.030 .XXX=±.010 .XX=±.020	ENGR KSUM	DATE 8/25/04	50 Ω : 100 Ω & 50 Ω : 112.5 Ω	
TOLERANCE METRICS: .XX=±.51 .X=±.31 .XXX=±.25	APPR JLJU	DATE 8/25/04	SIZE Dwg. No. UN-100-112.5	REV B
ANGLE PROJECTION	DO NOT SCALE DRAWING		SCALE B	2=1
			SHEET 1	OF 1