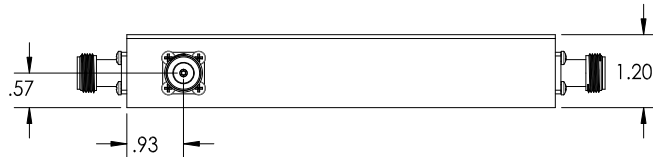
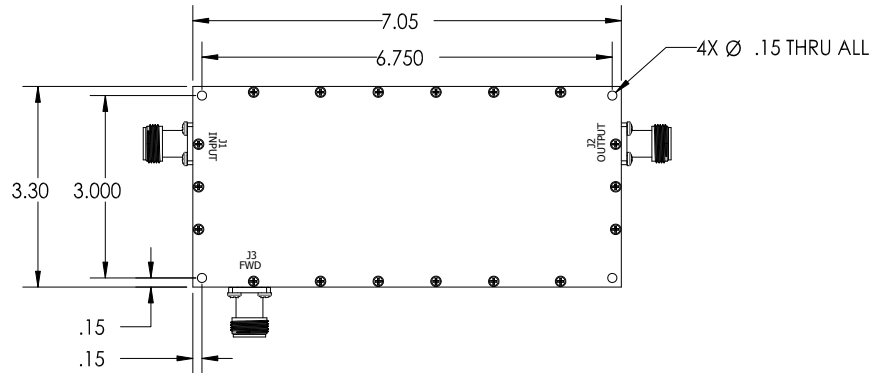


**RESTRICTION ON USE, DUPLICATION OR
DISCLOSURE OF PROPRIETARY INFORMATION**

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which is the sole property of Werlatone, Inc.



Notes:

- 1.) Material: Aluminum 6061-T6
- 2.) Finish: Chem. Film Per MIL-DTL-5541F Type I Class 3
- 3.) Connectors: All N Female
- 4.) Operating Temperature: -55°C to +75°C
- 5.) Storage Temperature: -60°C to +85°C
- 6.) **Watertight Design: O-Ring Sealed, Humidity: 100% Condensing**
- 7.) **Total Loss: 0.45 dB Theoretical Loss + 0.5 dB Ins. Loss = 1.0 dB**
- 8.) Weight: 2 pounds

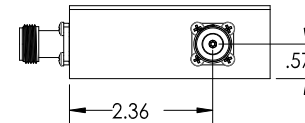
REVISIONS

REV.	REVISION RECORD	DATE	APPROVED
A	ECN: 5677	6/7/2012	SC

Model C9271W
10 dB Uni-Directional Coupler

Electrical Specifications:

Frequency:	100 - 1000 MHz
Power:	100 W CW
Coupling:	10 dB $\pm$ 1.0 dB Nom.
VSWR (ML):	1.20:1 Max.
Flatness:	$\pm$ 1.0 dB Max.
Insertion Loss:	0.5 dB Max.
Directivity:	17 dB Min.



Standard connector configurations are as follows:

Model	Input(J1)	Output(J2)	Fwd(J3)
C9271W-10	N Female	N Female	N Female

		UNLESS OTHERWISE SPECIFIED		DWN	DATE	 WERLATONE SINCE 1965	17 Jon Barrett Rd Patterson, NY 12563
		• INTERPRET DRAWING IN ACCORDANCE WITH MIL-STD-100 • DIMENSIONING PER ASME Y14.5M-2009 • PARENTHESES ARE FOR REF ONLY • DIMENSIONS ARE IN INCHES • DIMENSIONAL LIMITS APPLY BEFORE FINISHES • TOLERANCES: ANGLES $\pm$ 2° 3 PL. & .005 2 PL. & .015 • REMOVE ALL BURRS AND SHARP EDGES R.01 MAX • CONCENTRICITY MACHINED DIA. .002 FIM • MACHINE TOOL MISMATCH .003 MAX		CHK	6/7/2012		
				ENGR	6/7/2012	TITLE	
				APPR	6/7/2012	C9271W-10B	
				QA	DATE	SIZE	CAGE CODE
				RLSE	DATE	B	28812
						SCALE	DWG NO
							20865-500
							REV
							A
							SHEET 1 OF 1