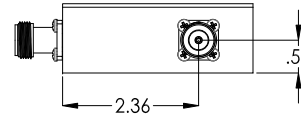
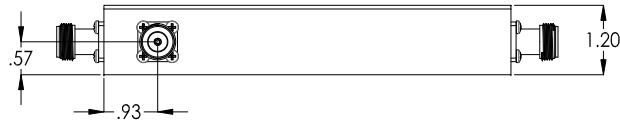
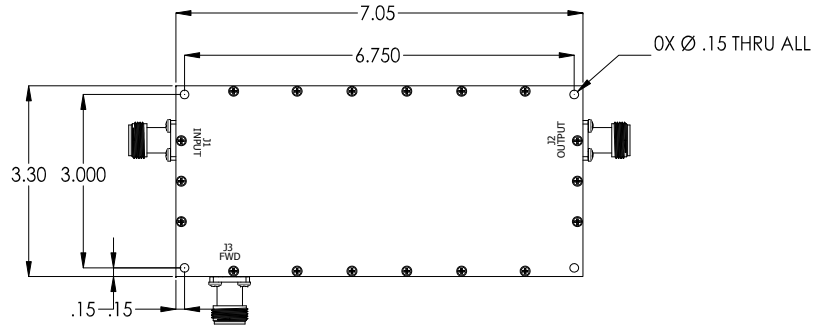


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REVISIONS			
REV.	REVISION RECORD	DATE	APPROVED
A	ECN: 5678	6/7/2012	SC



Model C9270W
6 dB Uni-Directional Coupler

Electrical Specifications:

Frequency:	100-1000 MHz
Power:	100 W CW
Coupling:	6 dB ± 1.0 dB Nom.
VSWR (ML):	1.30:1 Max.
Flatness:	± 1.0 dB Max.
Insertion Loss:	0.6 dB Max.
Directivity:	17 dB Min.

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: 1.25 dB Theoretical Loss + 0.6 dB Ins. Loss = 1.85 dB**

Standard connector configurations are as follows:

Model	Input(J1)	Output(J2)	Fwd(J3)
C9270W-10	N Female	N Female	N Female

		UNLESS OTHERWISE SPECIFIED		DWN	DATE	WERLATONE SINCE 1965		17 Jon Barrett Rd Patterson, NY 12563
		• INTERPRET DRAWING LAW MIL-STD-100 • DIMENSIONING PER ASME Y14.5M-2009 • PARENTHETICAL INFO FOR REF ONLY • DIMENSIONS ARE IN INCHES • DIMENSIONAL LIMITS APPLY BEFORE PROCESSES • TOLERANCES: ANGLE ± 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		SC	6/7/2012	TITLE		
				ENGR	6/7/2012			
				BWG	6/7/2012			
				MFR	DATE			
NEXT ASSY	USED ON			QA	DATE	SIZE	CAGE CODE	DWG NO
APPLICATION		THIRD ANGLE PROJECTION		RLSE	DATE	B	28812	20864-500
						SCALE		
								REV
								A
								SHEET 1 OF 1