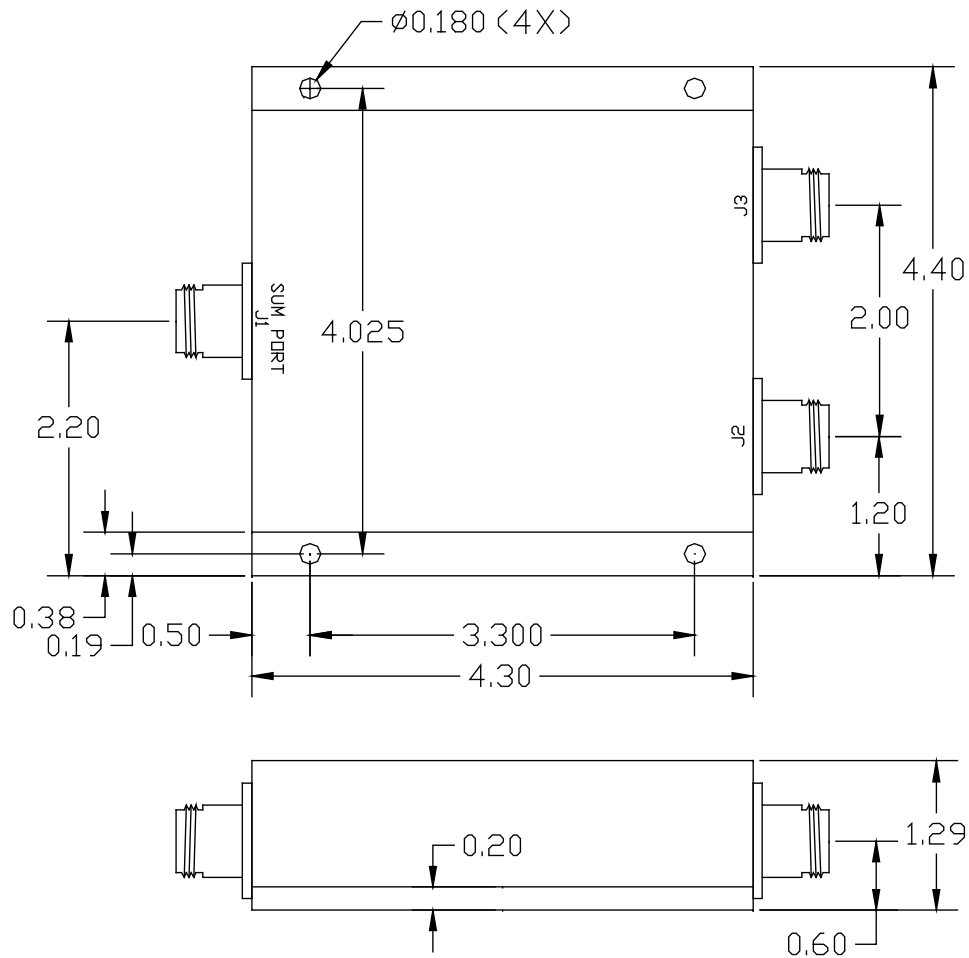


DATE	SYM	REVISION RECORD	AUTH	DR	CK



**Notes:**

- 1.) Material: Aluminum 6061-T6
- 2.) Finish: Black Epoxy Paint / White Epoxy Lettering
- 3.) Connectors: N Female
- 4.) **O-Ring Sealed: Watertight Design**
- 5.) Weight: 1.5 pounds
- 6.) During normal operation, this unit will not require any heat dissipation. In the case of a failure in the cable connected to J2 or J3, however, the unit must be mounted to a heat spreader capable of dissipating 25 W CW.
- 7.) Humidity: 100% Condensing

**Model D7142W  
2-Way Combiner/Divider**

Electrical Specifications:

Frequency:	100 - 500 MHz
Power:	100 W CW
Insertion Loss:	0.4 dB Max.
VSWR:	1.25:1 Max.
Phase Balance:	± 5° Max.
Amplitude Balance:	± 0.2 dB Max.
Isolation:	20 dB Min.

**Standard connector configurations** are as follows:

Model	Sum Port (J1)	Inputs (J2,J3)
D7142W-10	N Female	N Female

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TOLERANCE	WERLATONE INC.		
XX +/- .015 XXX +/- .005	SCALE	DRAWN BY: CS	APPVD BY: BW
X		DATE	DRAWING NUMBER
		7/9/03	10913-501