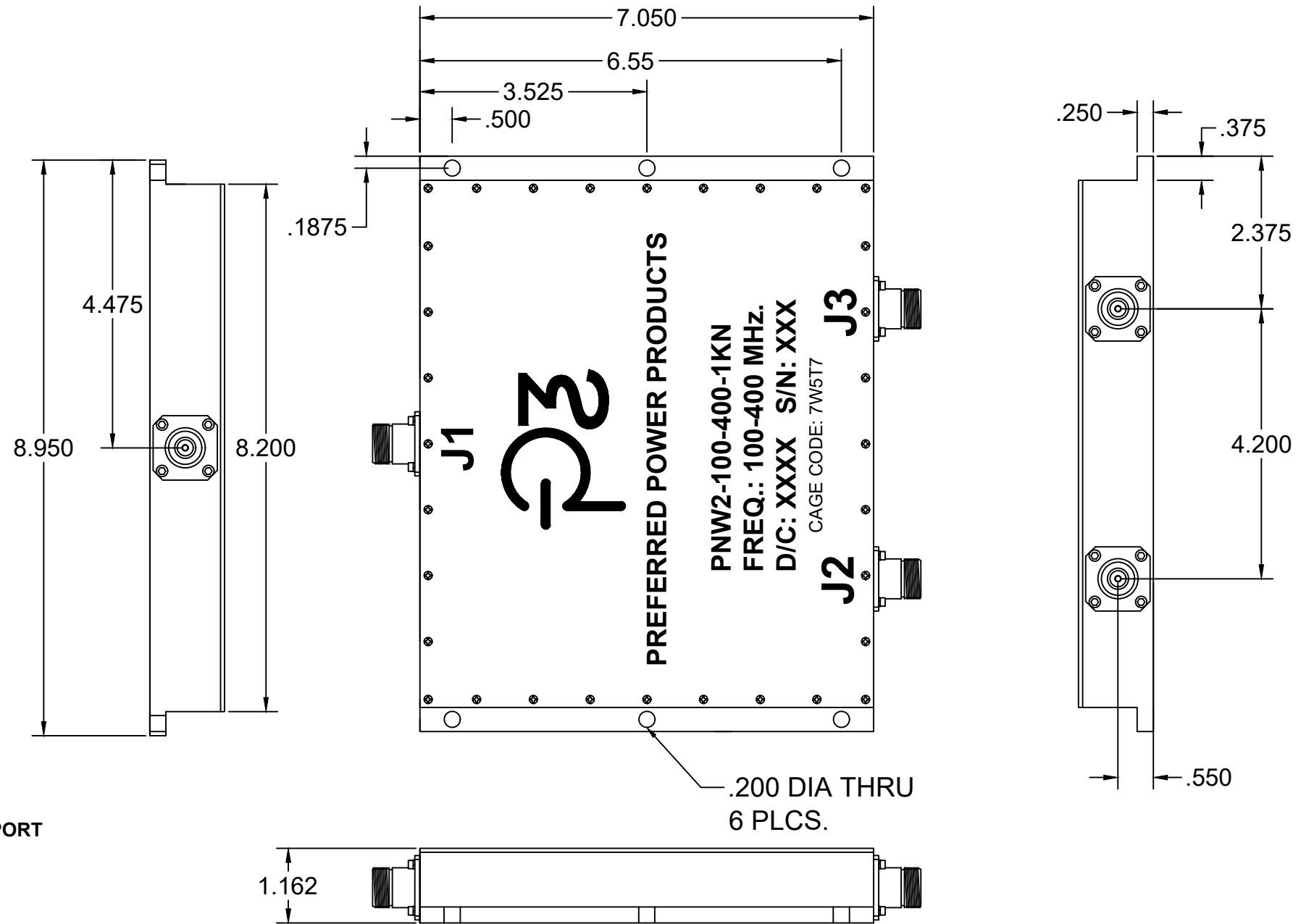


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	6/11/20




**SPECIFICATION:**

**FREQUENCY:** 100-400 MHz.  
**POWER, CW:** 1,000 WATTS MIN.  
**INSERTION LOSS:** 0.5 dB MAX.  
**VSWR:** 1.35:1 MAX., ANY PORT  
**PHASE BALANCE:** ±3° MAX.  
**AMPLITUDE BALANCE:** 0.1 DB MAX.  
**ISOLATION:** 19 dB TYP.  
**OPERATING TEMP.** -55°C TO +85°C

**MECHANICAL:**

**MATERIAL:** ALUMINUM ALLOY, 6061-T6  
**FINISH:** MIL-C-5541, CLASS 1A CHEMICAL CONVERSION (CLEAR)  
**CONNECTORS:** TYPE "N" FEMALE ALL PORTS  
**MARKING:** PERMANENT LASER ENGRAVED AS PER MIL-STD-130  
**ROHS:** COMPLIANT

 <b>PREFERRED POWER PRODUCTS</b> PALM CITY, FLORIDA 34990	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES  <b>TOLERANCES:</b> <table border="1"> <tr> <th>DECIMALS</th> <th>ANGULAR</th> </tr> <tr> <td>.X ± .1</td> <td>± .5°</td> </tr> <tr> <td>.XX ± .01</td> <td></td> </tr> <tr> <td>.XXX ± .005</td> <td></td> </tr> </table>	DECIMALS	ANGULAR	.X ± .1	± .5°	.XX ± .01		.XXX ± .005		PART NO. <b>PNW2-100-500-1KN</b>  <b>COMBINER/DIVIDER</b> 100-400 MHz., 1,000 WATT
	DECIMALS	ANGULAR								
.X ± .1	± .5°									
.XX ± .01										
.XXX ± .005										
THIS DRAWING AND ALL CONTENTS HEREIN, ARE THE SOLE, PROPRIETARY PROPERTY OF PREFERRED POWER PRODUCTS, LLC AND MAY NOT BE USED, REPRODUCED OR DISCLOSED WITHOUT EXPRESSED WRITTEN CONSENT.	CHECKED PD 6/11/20 DRAWN PD 6/11/20 CAGE CODE 7W5T7	APPROVED PD 6/11/20 ENGINEER PD 6/11/20 SCALE 1:1 SHEET 1 OF 1								