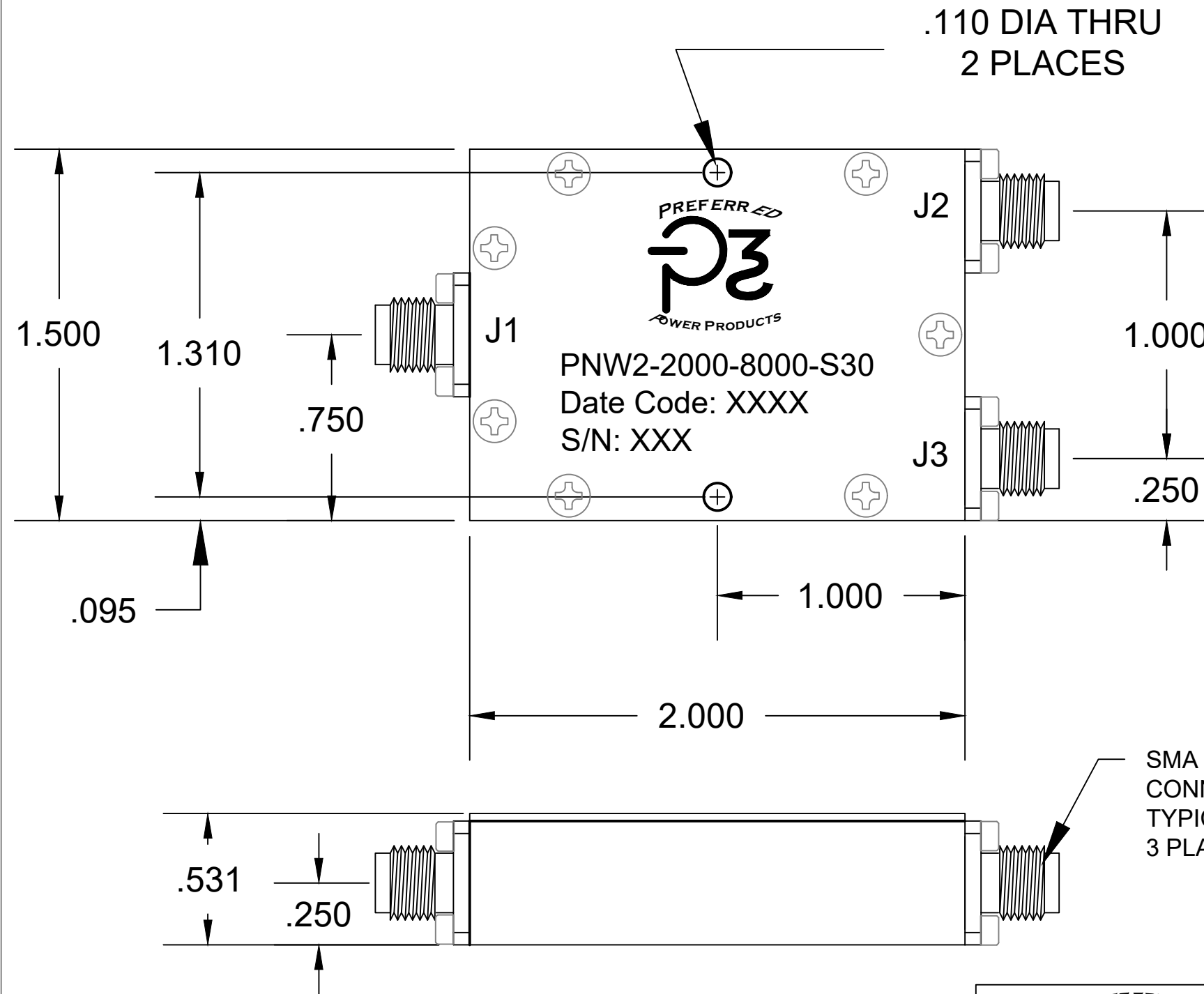


|     |         |                 |      |        |
|-----|---------|-----------------|------|--------|
| REV | RELEASE | DESCRIPTION     | APPR | DATE   |
| A   | NEW     | INITIAL RELEASE | PD   | 6/7/16 |




**SPECIFICATION:**

|                    |               |
|--------------------|---------------|
| FREQUENCY:         | 2-8 GHz.      |
| POWER:             | 30 WATTS      |
| ISOLATION:         | 20 dB TYP.    |
| INSERTION LOSS:    | 0.4 dB        |
| VSWR:              | 1.35:1        |
| PHASE BALANCE:     | 4.0 DEG. MAX. |
| AMPLITUDE BALANCE: | 0.2 dB        |

**MECHANICAL:**

|                  |   |
|------------------|---|
| HOUSING & COVER: | ALUMINUM ALLOY 6061                     |
| FINISH:          | CHEM-FILM, CLEAR PER MIL-DTL-5541, ROHS |
| MARKING:         | LASER MARKING PER MIL-STD-130           |
| OPERATING TEMP:  | -55°C TO +85°C                          |

|   |   |   |              |         |       |           |  |             |  |   |  |
|---|---|---|--------------|---------|-------|-----------|--|-------------|--|---|--|
| <br><b>PREFERRED<br/>POWER PRODUCTS</b><br>PALM CITY, FLORIDA 34990  | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN INCHES<br><br><b>TOLERANCES:</b><br><table> <tr> <td>DECIMALS</td> <td>ANGULAR</td> </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.<br><b>PNW2-2000-8000-S30</b><br><br><b>POWER DIVIDER/COMBINER</b><br>2000-8000 GHz.<br>30 WATT |  |
|   | DECIMALS  | ANGULAR   |              |         |       |           |  |             |  |   |  |
| .X ± .1   | ± .5°   |   |              |         |       |           |  |             |  |   |  |
| .XX ± .01   |   |   |              |         |       |           |  |             |  |   |  |
| .XXX ± .005   |   |   |              |         |       |           |  |             |  |   |  |
| THIS DRAWING AND ALL CONTENTS<br>HEREIN, ARE THE SOLE, PROPRIETARY<br>PROPERTY OF PREFERRED POWER<br>PRODUCTS LLC AND MAY NOT BE USED,<br>REPRODUCED OR DISCLOSED WITHOUT<br>EXPRESSED WRITTEN CONSENT. | CHECKED PD 6/7/16<br>DRAWN PD 6/7/16<br>CAGE CODE 7W5T7   | APPROVED PD 6/7/16<br>ENGINEER PD 6/7/16<br>SCALE 1:1 | SHEET 1 OF 1 |         |       |           |  |             |  |   |  |