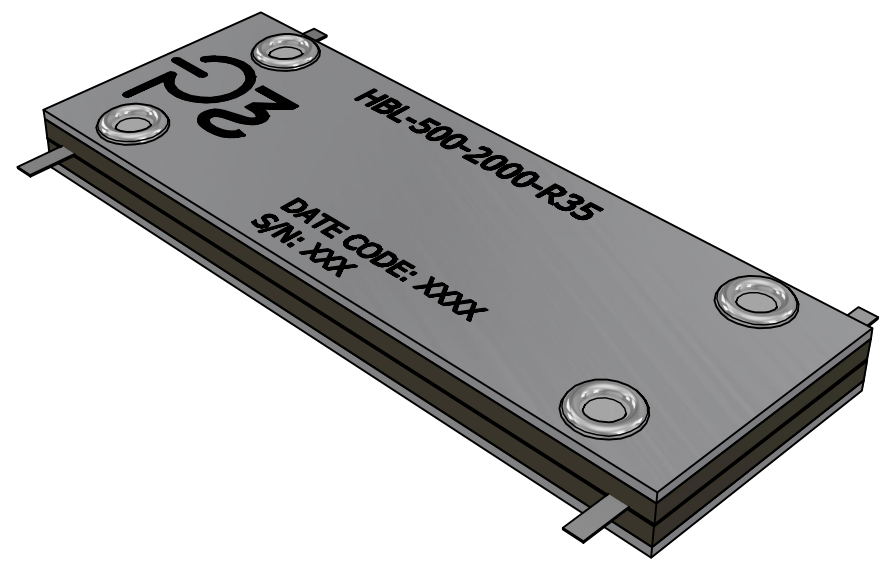
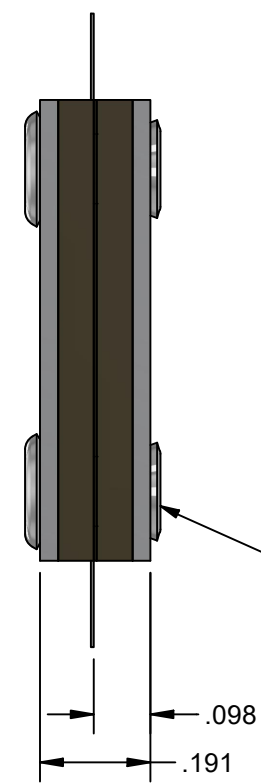
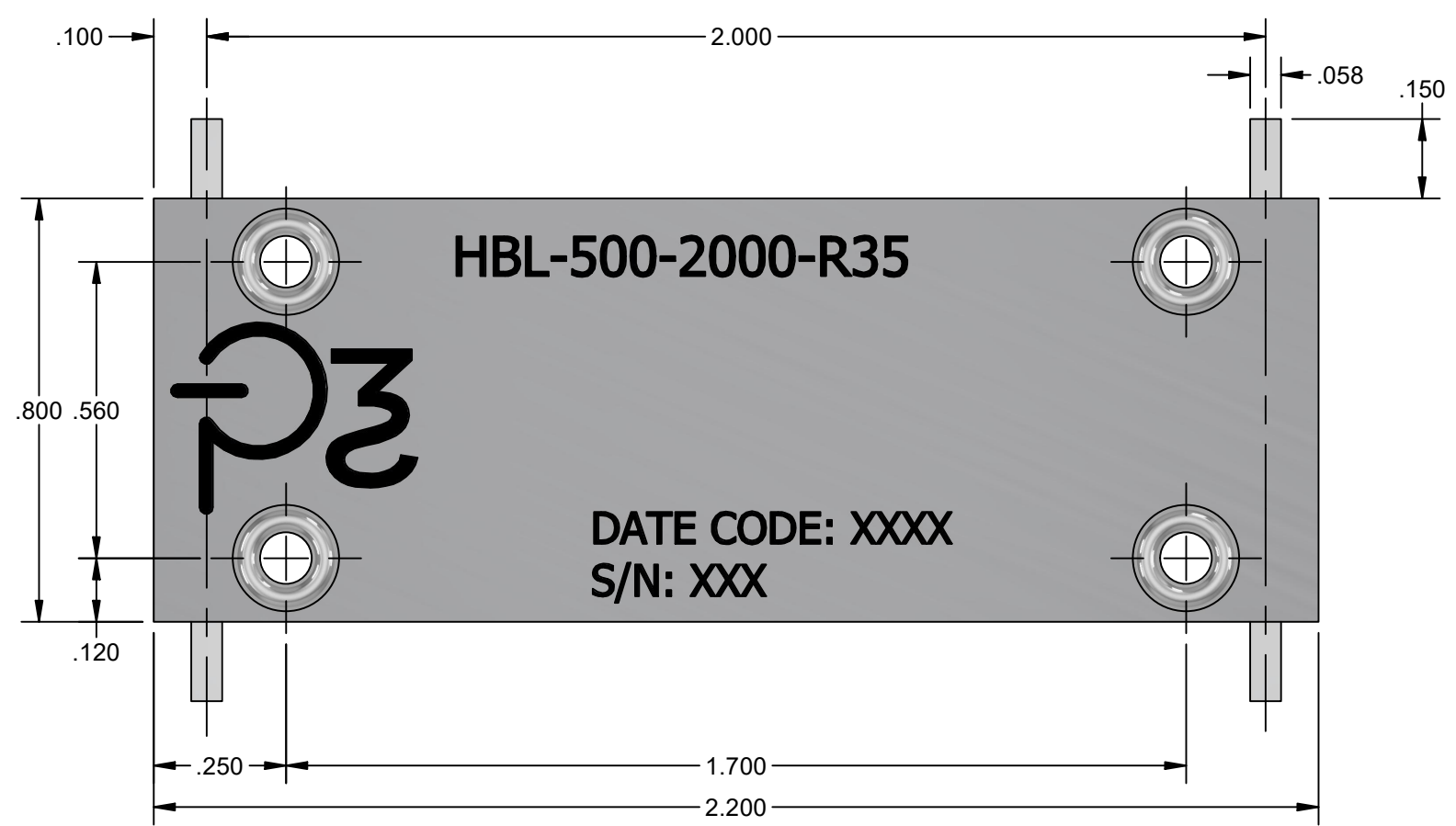


REV	RELEASE	DESCRIPTION	APPROVED	DATE
A	NEW	INITIAL RELEASE	JK	12/1/2022
B	CHANGE	CHANGED TAB CL TO 2.00"	JK	12/7/2022
C	CHANGE	REMOVED INNER RIVETS	JK	6/7/2023




ELECTRICAL SPECIFICATIONS:

FREQUENCY: 500 - 2000 MHz
 POWER: 350 WATTS CW
 INSERTION LOSS: 0.35 dB MAX
 AMPLITUDE BALANCE: ±0.5 dB
 PHASE BALANCE: ±3° MAX
 VSWR: 1.20:1 TYP, 1.25:1 MAX, ALL PORTS
 ISOLATION: >17 dB
 OPERATING TEMP: -55°C TO +85°C

MECHANICAL SPECIFICATIONS:

MARKING: LASER MARKED PER MIL-STD-130
 FINISH: MIL-C-5541, CLASS 1A, CHEMICAL CONVERSION (CLEAR)
 SOLDER TABS: 99.99% PURE SILVER, 0.060" WIDE X 0.005" THICK
 EYELETS: STAINLESS STEEL OR BRASS, NICKEL PLATED

 PREFERRED POWER PRODUCTS STUART, FLORIDA 34997	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES <u>TOLERANCES:</u> <table border="0"> <tr> <td><u>DECIMALS</u></td> <td><u>ANGULAR</u></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>	<u>DECIMALS</u>	<u>ANGULAR</u>	.X ± .1	± .5°	.XX ± .01		.XXX ± .005		PART NO HBL-500-2000-R35 HYBRID COUPLER, 90 DEGREE 500 - 2000 MHz 350 WATT	
		<u>DECIMALS</u>	<u>ANGULAR</u>								
.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 12/1/2022 DRAWN JK 12/1/2022 CAGE CODE 7W5T7	APPROVED PD 12/1/2022 ENGINEER PD 12/1/2022 SCALE N/A	SHEET 1 OF 1								

Part No.: HBL-500-2000-R35	Comments:
Customer:	
P.O. No.:	
Date: 12/16/2022	

12/16/2022 1:03:37 PM

