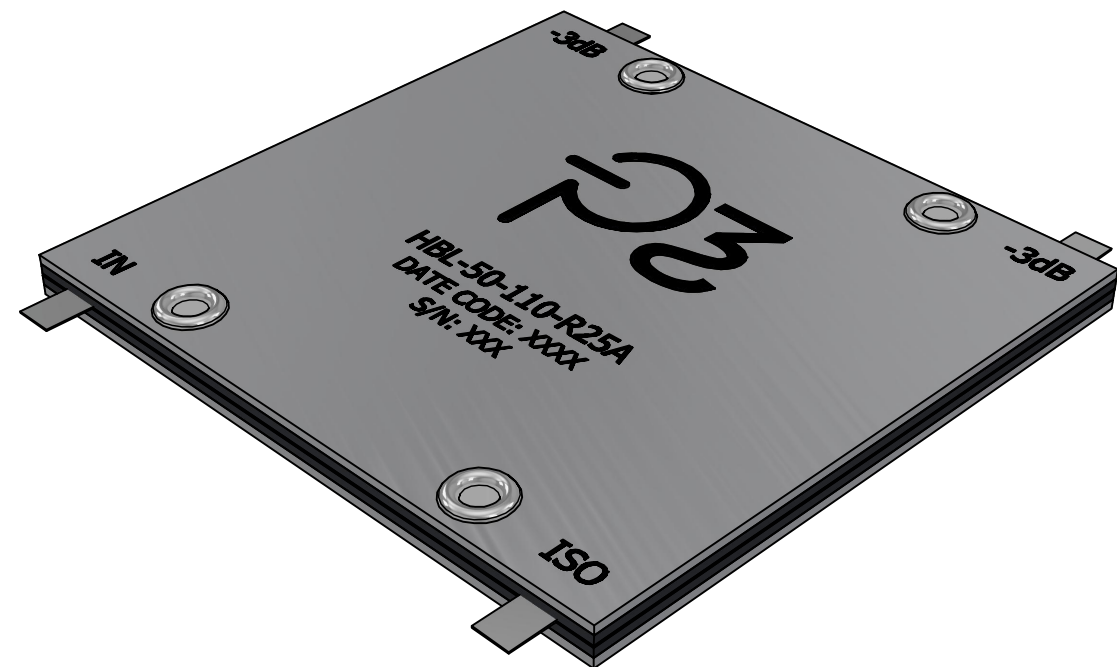
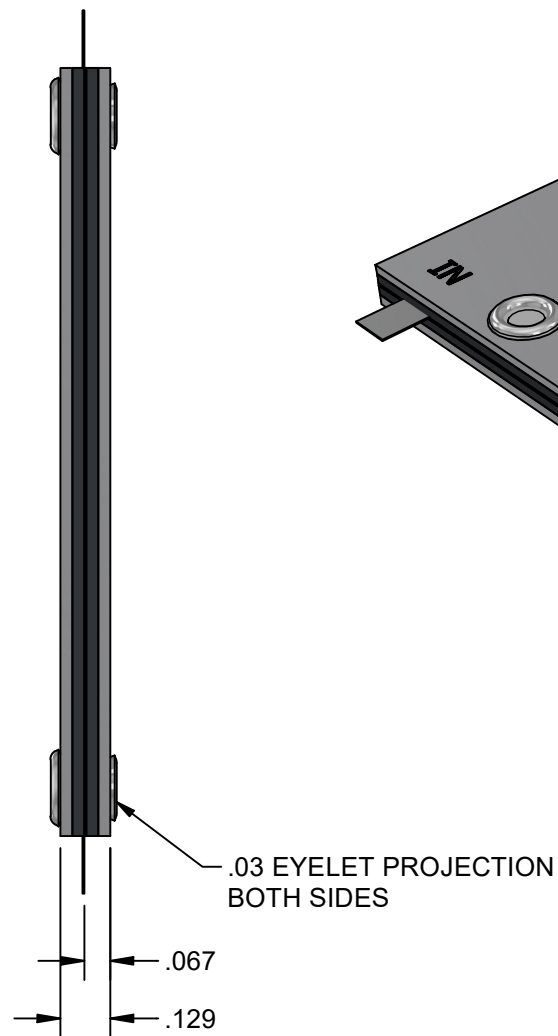
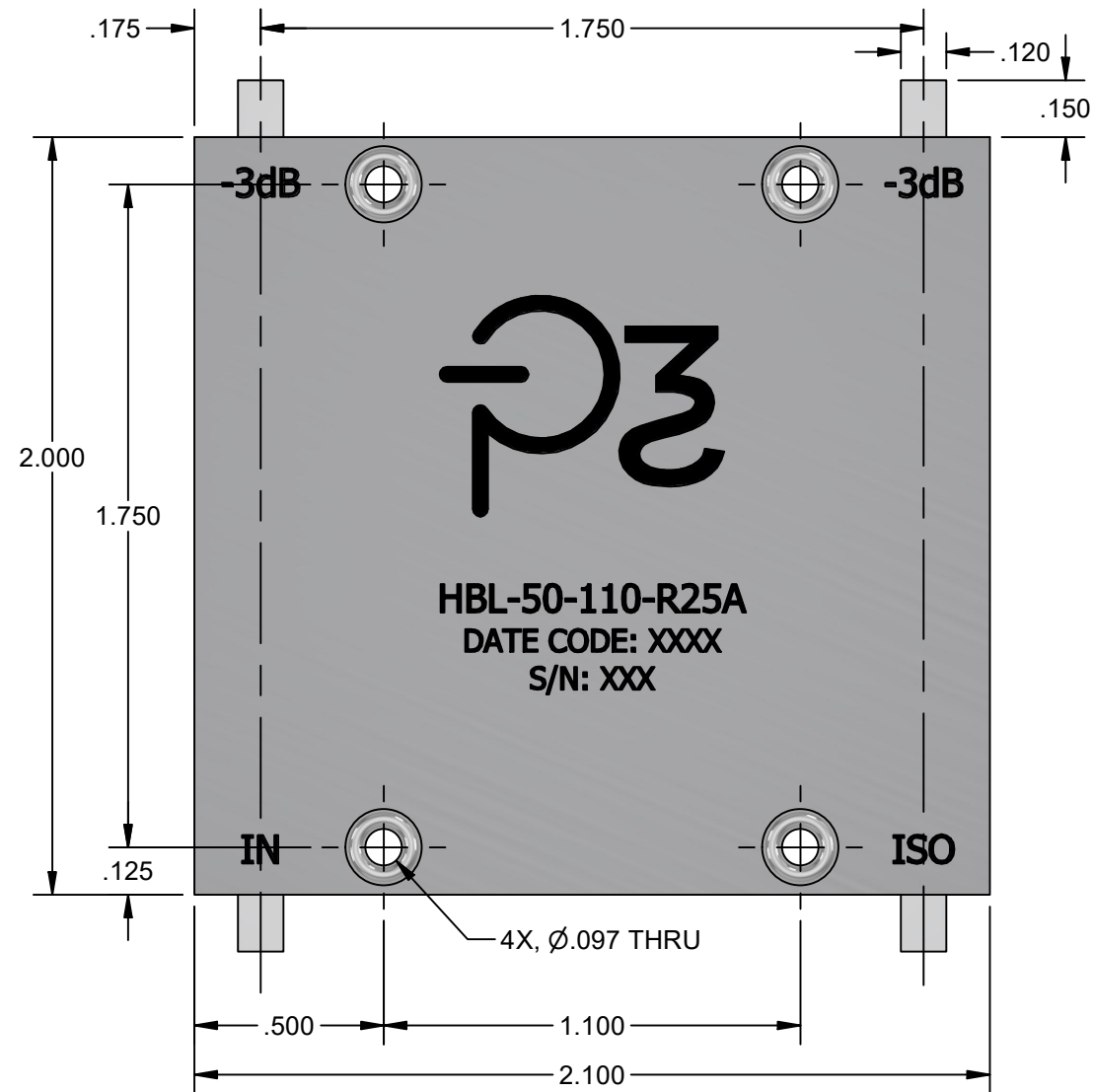


REV	RELEASE	DESCRIPTION	APPROVED	DATE
A	NEW	INITIAL RELEASE	JK	8/16/2023




ELECTRICAL SPECIFICATIONS:

FREQUENCY:	50 - 110 MHz
POWER:	250 WATTS CW
INSERTION LOSS:	0.25 dB MAX
AMPLITUDE BALANCE:	±0.5 dB MAX
PHASE BALANCE:	±2° MAX
VSWR:	1.20:1 TYP, 1.25:1 MAX, ALL PORTS
ISOLATION:	20 dB MIN
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> <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 HBL-50-110-R25A HYBRID COUPLER, 90° 50 - 110 MHz 250 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 8/16/2023 DRAWN JK 8/16/2023 CAGE CODE 7W5T7	APPROVED PD 8/16/2023 ENGINEER PD 8/16/2023 SCALE N/A	SHEET 1 OF 1								