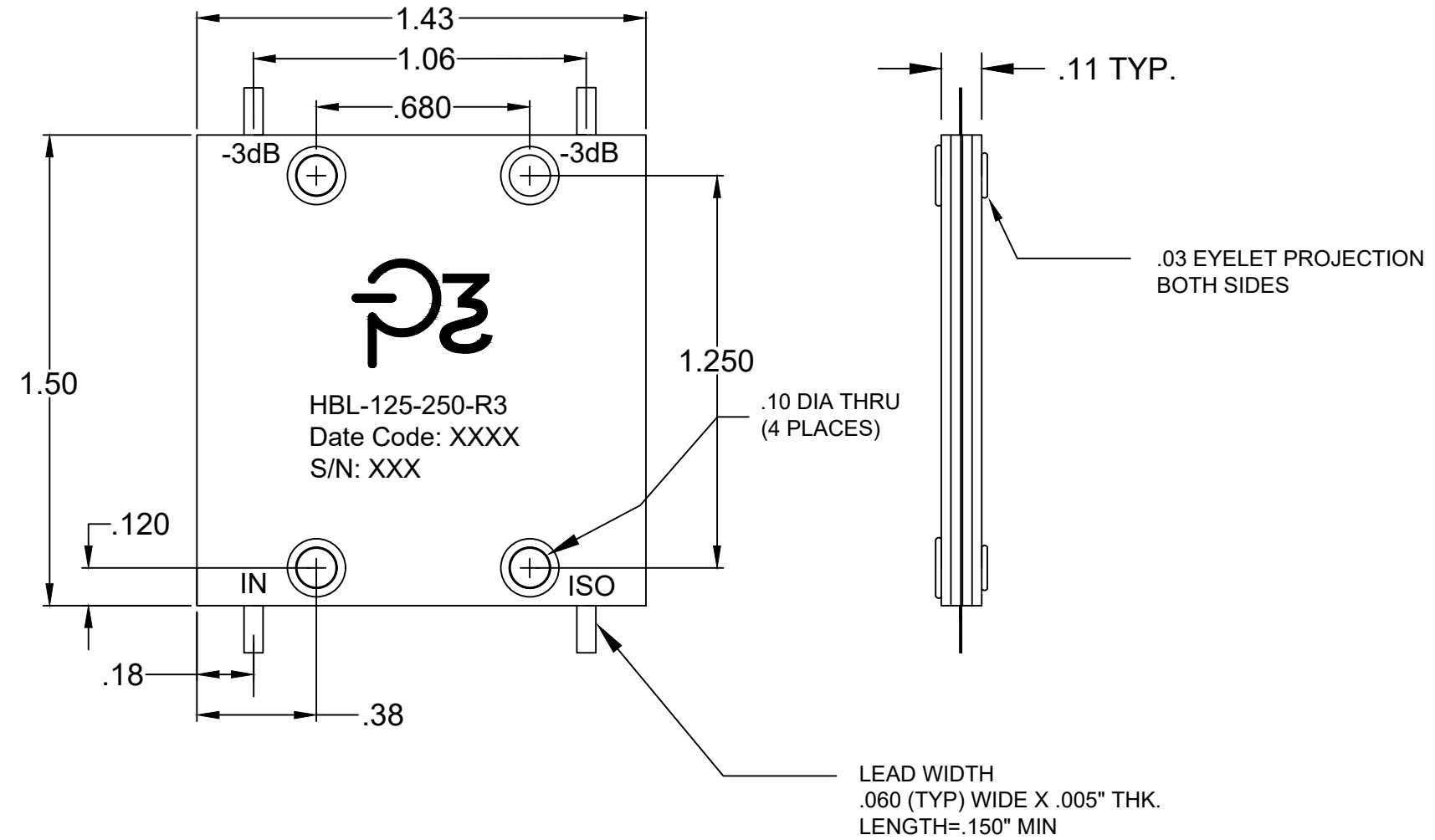


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	8/6/21



ELECTRICAL SPECIFICATIONS:

FREQUENCY:	125 - 250 MHz.
POWER:	300 WATT AVG. MAX.
AMPLITUDE BALANCE	+/- 0.5 dB MAX.
PHASE BALANCE	+/- 2 DEGREES MAX.
ISOLATION	20dB MIN.
VSWR	1.2:1 MAX.
INSERTION LOSS	0.30 dB MAX.

MECHANICAL SPECIFICATIONS:

LASER MARKING IN ACCORDANCE WITH MIL-STD-130
 FINISH MIL-C-5541, CLASS 1A, CHEMICAL CONVERSION (CLEAR)
 SOLDER TAB, 99.99% SILVER, WELDED INTERNALLY
 POWER RATING APPLIES WHEN SOLDER TAB TO COUPLER INTERFACE HAS BEEN CONFORMAL COATED
 MEETS MI-E5400 CLASS 3 REQUIREMENTS
 OPERATING TEMPERATURE: -55 TO +85° C



 PREFERRED POWER PRODUCTS STUART, FLORIDA 34997	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES</small> TOLERANCES: <table> <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-125-250-R3 HYBRID COUPLER. 90 DEGREE 125 - 250 MHz. 300 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 8/6/21 DRAWN PD 8/6/21 CAGE CODE 7W5T7	APPROVED PD 8/6/21 ENGINEER PD 8/6/21 SCALE 1:1 SHEET 1 OF 1									