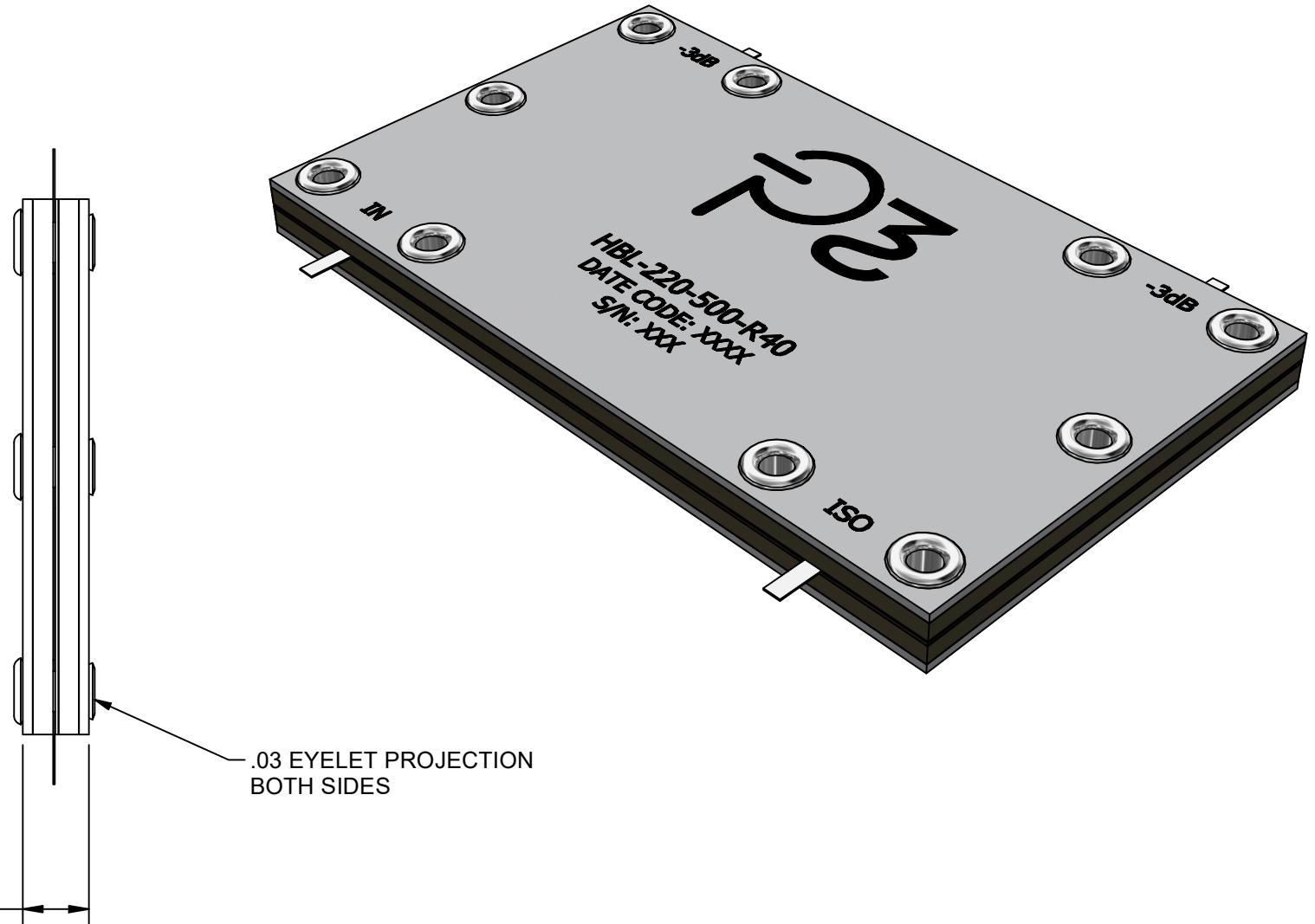
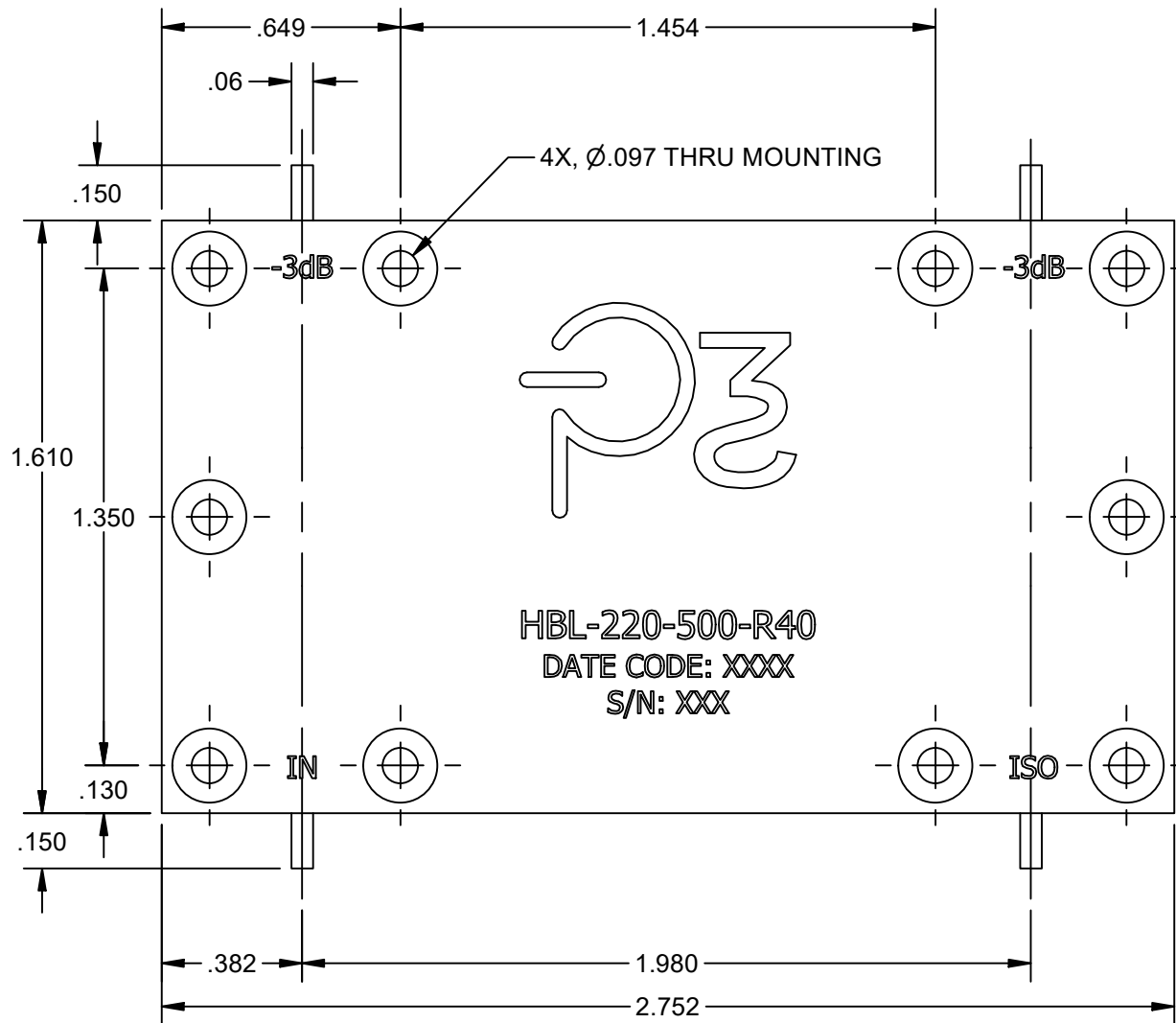


REV	RELEASE	DESCRIPTION	APPROVED	DATE
A	NEW	INITIAL RELEASE	JK	3/17/2023




ELECTRICAL SPECIFICATIONS:

FREQUENCY: 220 - 500 MHz
 POWER: 400 WATTS CW
 INSERTION LOSS: 0.3 dB MAX
 AMPLITUDE BALANCE: ±0.6 dB MAX
 PHASE BALANCE: ±3°
 VSWR: 1.37:1 MAX
 ISOLATION: 19 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 TOLERANCES: DECIMALS ANGULAR .X ± .1 ± .5° .XX ± .01 .XXX ± .005	PART NO		
		HBL-100-220-R40 HYBRID COUPLER, 90 DEGREE 220 - 500 MHz 400 WATT		
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 3/17/2023	APPROVED	PD 3/17/2023
	DRAWN	JK 3/17/2023	ENGINEER	PD 3/17/2023
	CAGE CODE	7W5T7	SCALE	1:1