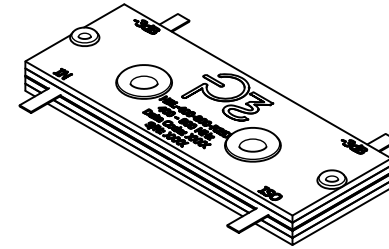
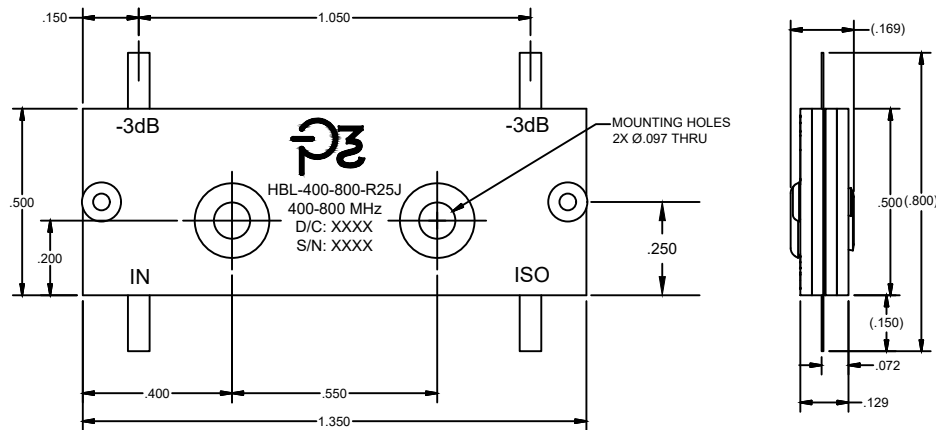


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	3/22/22
B	UPDATE	UPDATED VSWR SPEC.	PD	4/4/22




ELECTRICAL SPECIFICATIONS:

FREQUENCY: 400 - 800 MHz
 POWER: 250 WATT CW
 INSERTION LOSS: 0.20 dB
 AMPLITUDE BALANCE: ± 0.5 dB
 PHASE BALANCE: $\pm 3^\circ$
 VSWR: 1.2:1 MIN. 1.25:1 MAX.
 ISOLATION: 20 dB
 OPERATING TEMP: -55°C TO +85°C

MECHANICAL SPECIFICATIONS:

MARKING: PER MIL-STD-130
 FINISH: CHEM-CONVERSION PER MIL-DTL-55413
 SOLDER TABS: 99.99% PURE SILVER, 0.060" WIDE X 0.005" THICK

 PREFERRED POWER PRODUCTS STUART, FLORIDA 34997	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES <u>TOLERANCES:</u> DECIMALS ANGULAR .X $\pm .1$ $\pm .5^\circ$.XX $\pm .01$.XXX $\pm .005$	PART NO. HBL-400-800-R25J HYBRID COUPLER, 90 DEGREE 400-800 MHz. 250 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 3/22/22 DRAWN PD 3/22/22 CAGE CODE 7W5T7	APPROVED PD 3/22/22 ENGINEER PD 3/22/22 SCALE 1:1