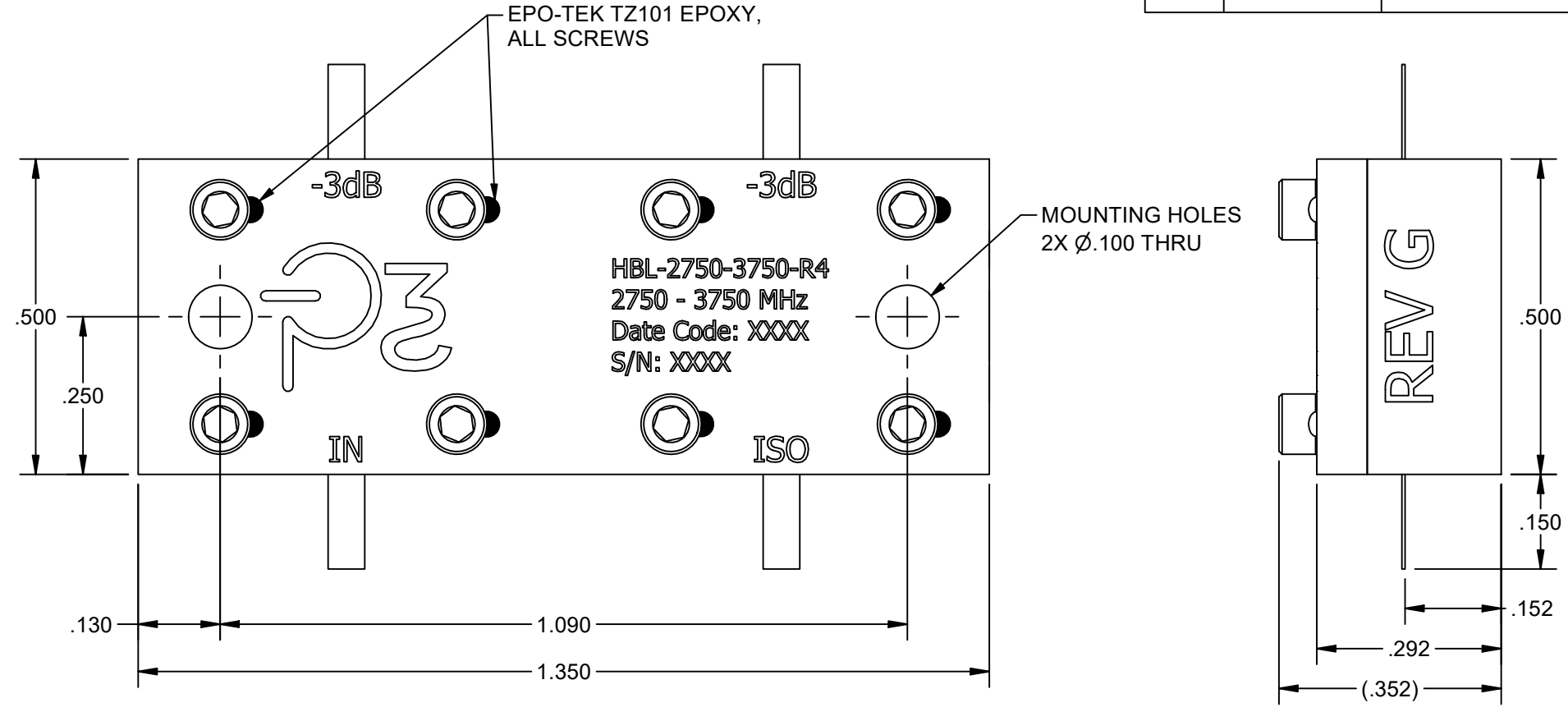


REV	RELEASE	DESCRIPTION	APPROVED	DATE
A	NEW	INITIAL RELEASE	PD	7/28/2019
B	UPDATE	CHANGED TAB WIDTH TO .060" AS PER CUSTOMER REQUEST	PD	4/7/2020
C	UPDATE	UNIT REDESIGN WITH THRU GROUNDING	JK	4/19/2021
D	UPDATE	UNIT REDESIGN WITH NO GROUNDING	JK	9/2/2021
E	UPDATE	UNIT REDESIGN WITH DISTRIBUTED FASTENERS	JK	9/14/2021
F	UPDATE	CORRECTED TAB HEIGHT TYPO	JK	12/17/2021
G	UPDATE	REMOVED WASHERS, LOCKTITE. ADDED EPOXY	JK	4/26/2022




**ELECTRICAL SPECIFICATIONS:**

FREQUENCY: 2750 - 3750 MHz  
POWER: 400 WATT CW  
INSERTION LOSS: <0.25 dB  
AMPLITUDE BALANCE: ±0.3 dB  
PHASE BALANCE: ±2°  
VSWR: 1.3:1 MAX  
ISOLATION: 20 dB TYP 18 dB MIN  
OPERATING TEMP: -55°C TO +85°C

**MECHANICAL SPECIFICATIONS:**

MARKING: PER MIL-STD-130  
FINISH: NICKEL PLATE PER QQN-290  
SOLDER TABS: 99.99% PURE SILVER

 <b>PREFERRED POWER PRODUCTS</b> STUART, FLORIDA 34997	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES <b>TOLERANCES:</b> DECIMALS      ANGULAR .X ± .1            ± .5° .XX ± .01 .XXX ± .005	PART NO		
		<b>HBL-2750-3750-R4</b> HYBRID-COUPLER 2750 - 3750 MHz 400 WATT CW		
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 7/28/2019	APPROVED	PD 7/28/2019
	DRAWN	PD 7/28/2019	ENGINEER	PD 7/28/2019
	CAGE CODE	7W5T7	SCALE	N/A