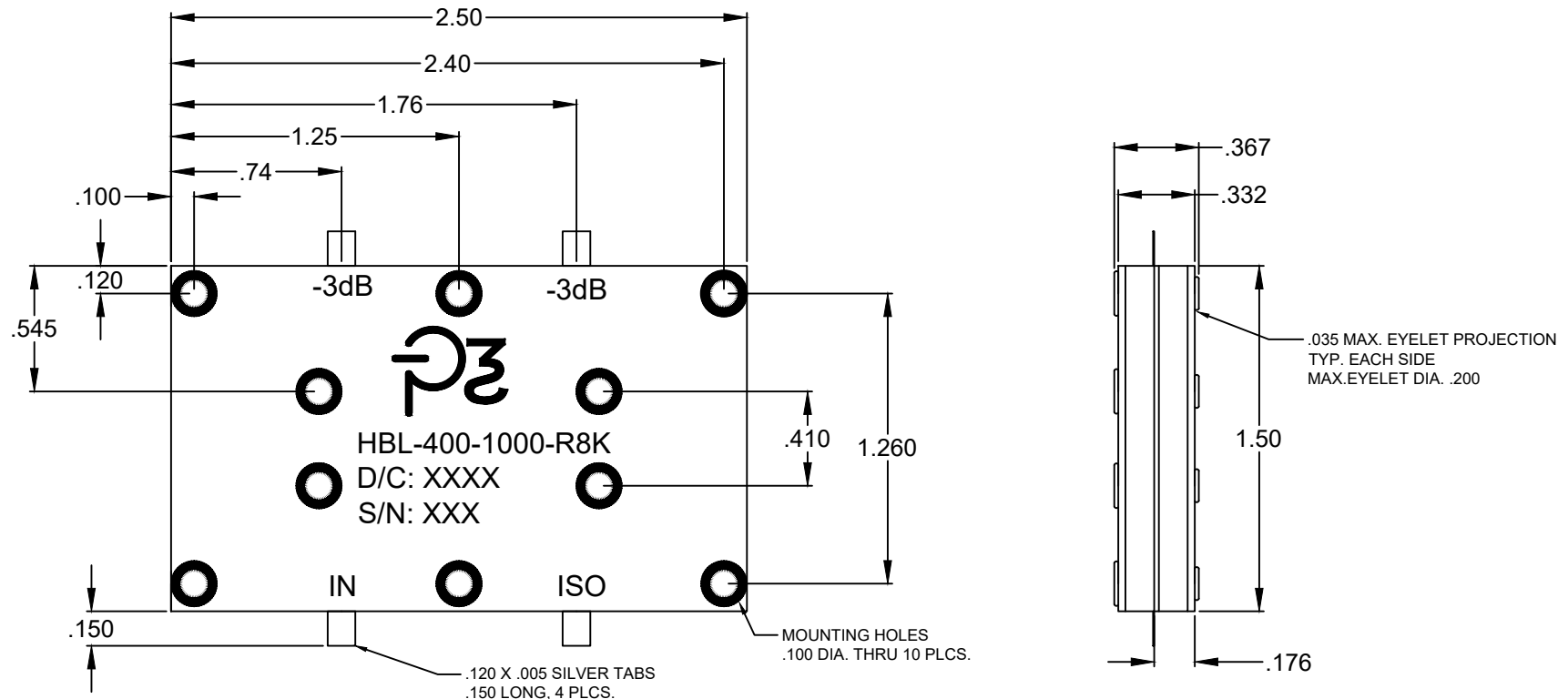


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	4/7/22



ELECTRICAL SPECIFICATIONS

FREQUENCY: 400-1000 MHz.
 INSERTION LOSS: 0.40 dB MAX.
 V.S.W.R.: 1.15:1 TYP. 1.2:1 MAX.
 ISOLATION: 20 dB MIN.
 AMPLITUDE BALANCE: ±0.5 dB
 PHASE BALANCE: ±2° MAX.
 POWER: 800 WATT AVG.
 OPERATING TEMP.: -55° TO +85°C

MECHANICAL SPECIFICATIONS

1. MARKING IN ACCORDANCE WITH MIL-STD-130
2. FINISH: CHEM-COVERSION, CLEAR AS PER MIL-DTL-55413.
3. SOLDER TABS: 99.99% PURE SILVER. .005" THICK



**PREFERRED
POWER PRODUCTS**
STUART, FLORIDA 34997

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES

TOLERANCES:

DECIMALS	ANGULAR
.X ± .1	± .5°
.XX ± .01	
.XXX ± .005	

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EXPRESSED WRITTEN CONSENT.

PART NO.		HBL-400-1000-R8K	
		HYBRID COUPLER. 90 DEGREE 400 - 1000 MHz. 800 WATT	
CHECKED	PD 4/7/22	APPROVED	PD 4/7/22
DRAWN	PD 4/7/22	ENGINEER	PD 4/7/22
CAGE CODE	7W5T7	SCALE	1:1
		SHEET 1 OF 1	