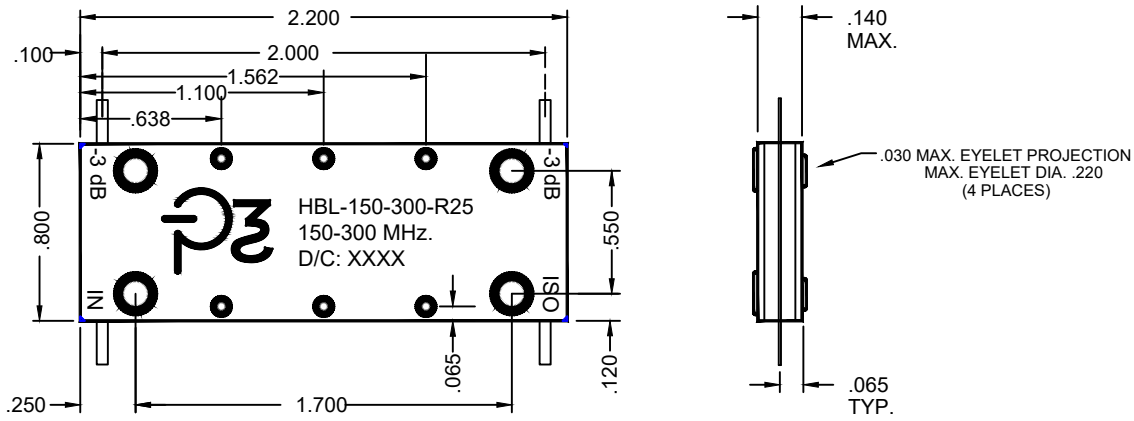
REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	3/21/22
B	UPDATE	UPDATED VSWR SPEC.	PD	4/4/22



ELECTRICAL SPECIFICATIONS

FREQUENCY:	150-300 MHz.
INSERTION LOSS:	<0.30 dB
V.S.W.R.:	1.2:1 MIN. 1.25:1 MAX.
ISOLATION :	>20 dB
AMPLITUDE BALANCE:	±0.4 dB
PHASE BALANCE:	±3°
POWER:	250 WATT
TEMPERATURE:	-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.
4. SOLDER TAB WIDTH: 0.060" X 0.005" THICK

PREFERRED POWER PRODUCTS

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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PART NO. HBL-150-300-R25

HYBRID COUPLER, 90 DEGREE
150 - 300 MHz.
250 WATT

CHECKED	PD	3/21/22	APPROVED	PD	3/21/22
DRAWN	PD	3/21/22	ENGINEER	PD	3/21/22
CAGE CODE	7W5T7	SCALE	1:1	SHEET	1 OF 1