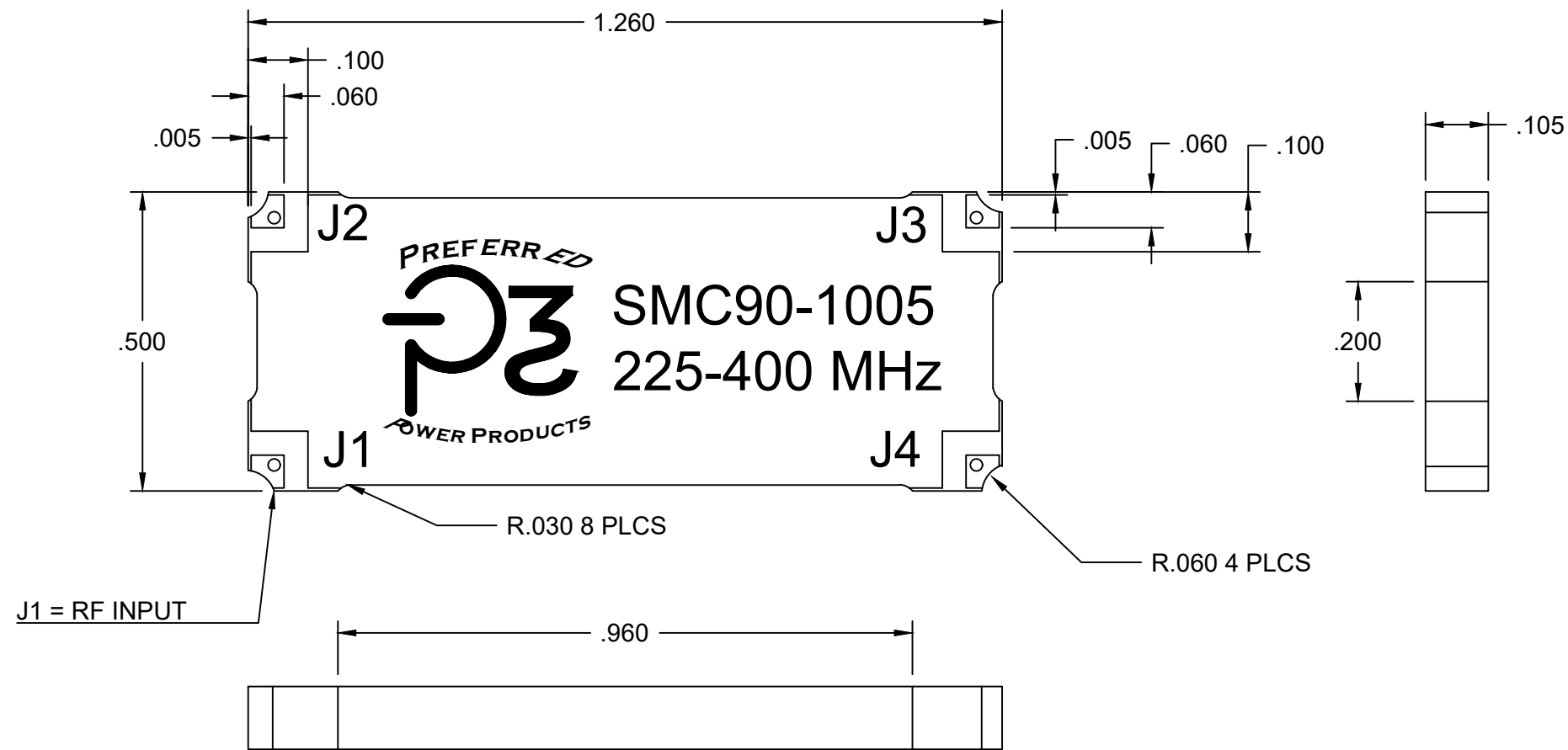


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/17/19



PORT CONFIGURATION

PORTS	J1	J2	J3	J4
J1	--	0°	-90°	ISO
J2	0°	--	ISO	-90°
J3	-90°	ISO	--	0°
J4	ISO	-90°	0°	--

SPECIFICATIONS:

Frequency: 225-400 MHz.
 Power: 200 Watts CW
 Insertion Loss: 0.25 dB Max.
 Isolation: 20 dB Min.
 Phase Bal.: 90° ±5.0° Max.
 VSWR: 1.25 Max..
 Amplitude Bal.: ±0.50 dB Max.
 Oper. Temp.: -55° to +85°C

MECHANICAL:

Board Material: PTFE
 Finish: Emmersion Tin Plate



 PREFERRED POWER PRODUCTS PALM CITY, FLORIDA 34990	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES: <table border="1"> <thead> <tr> <th>DECIMALS</th> <th>ANGULAR</th> </tr> </thead> <tbody> <tr> <td>.X ± .1</td> <td>± .5°</td> </tr> <tr> <td>.XX ± .01</td> <td></td> </tr> <tr> <td>.XXX ± .005</td> <td></td> </tr> </tbody> </table>	DECIMALS	ANGULAR	.X ± .1	± .5°	.XX ± .01		.XXX ± .005		PART NO. SMC90-1005 HYBRID COUPLER, SMT, 90 DEGREE 225-400 MHz. 200 WATT
	DECIMALS	ANGULAR								
.X ± .1	± .5°									
.XX ± .01										
.XXX ± .005										
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 9/17/19 APPROVED PD 9/17/19 DRAWN PD 9/17/19 ENGINEER PD 9/17/19 CAGE CODE 7W5T7 SCALE 1:1 SHEET 1 OF 1									