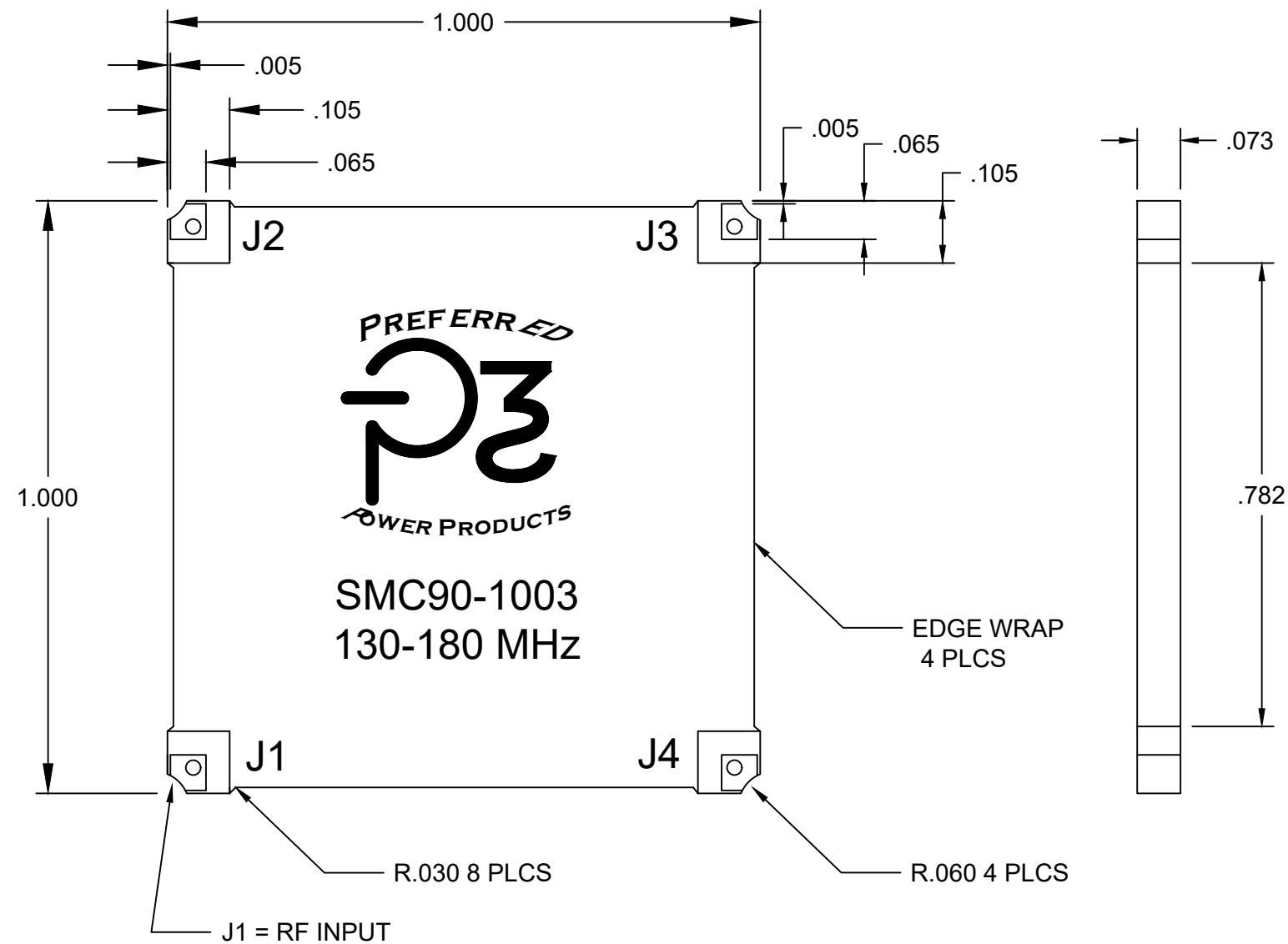


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/16/19



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: 130-180 MHz.  
 Power: 250 Watts CW  
 Insertion Loss: 0.25 dB Max.  
 Isolation: 20 dB Min.  
 Phase Bal.: 90° ±5.0° Max.  
 VSWR: 1.25 Max..  
 Amplitude Bal.: ±0.25 dB Max.  
 Oper. Temp.: -55° to +85°C

**MECHANICAL:**

Board Material: PTFE  
 Finish: Emmersion Tin Plate



 <b>PREFERRED POWER PRODUCTS</b> PALM CITY, FLORIDA 34990	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES <b>TOLERANCES:</b> <table border="0"> <tr> <td>DECIMALS</td> <td>ANGULAR</td> </tr> <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> </table>	DECIMALS	ANGULAR	.X ± .1	± .5°	.XX ± .01		.XXX ± .005		PART NO. <b>SMC90-1003</b> <b>HYBRID COUPLER, SMT, 90 DEGREE</b> <b>130-180 MHz.</b> <b>250 WATT</b>	
	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 9/16/19 DRAWN PD 9/16/19 CAGE CODE 7W5T7	APPROVED PD 9/16/19 ENGINEER PD 9/16/19	SCALE 1:1 SHEET 1 OF 1								