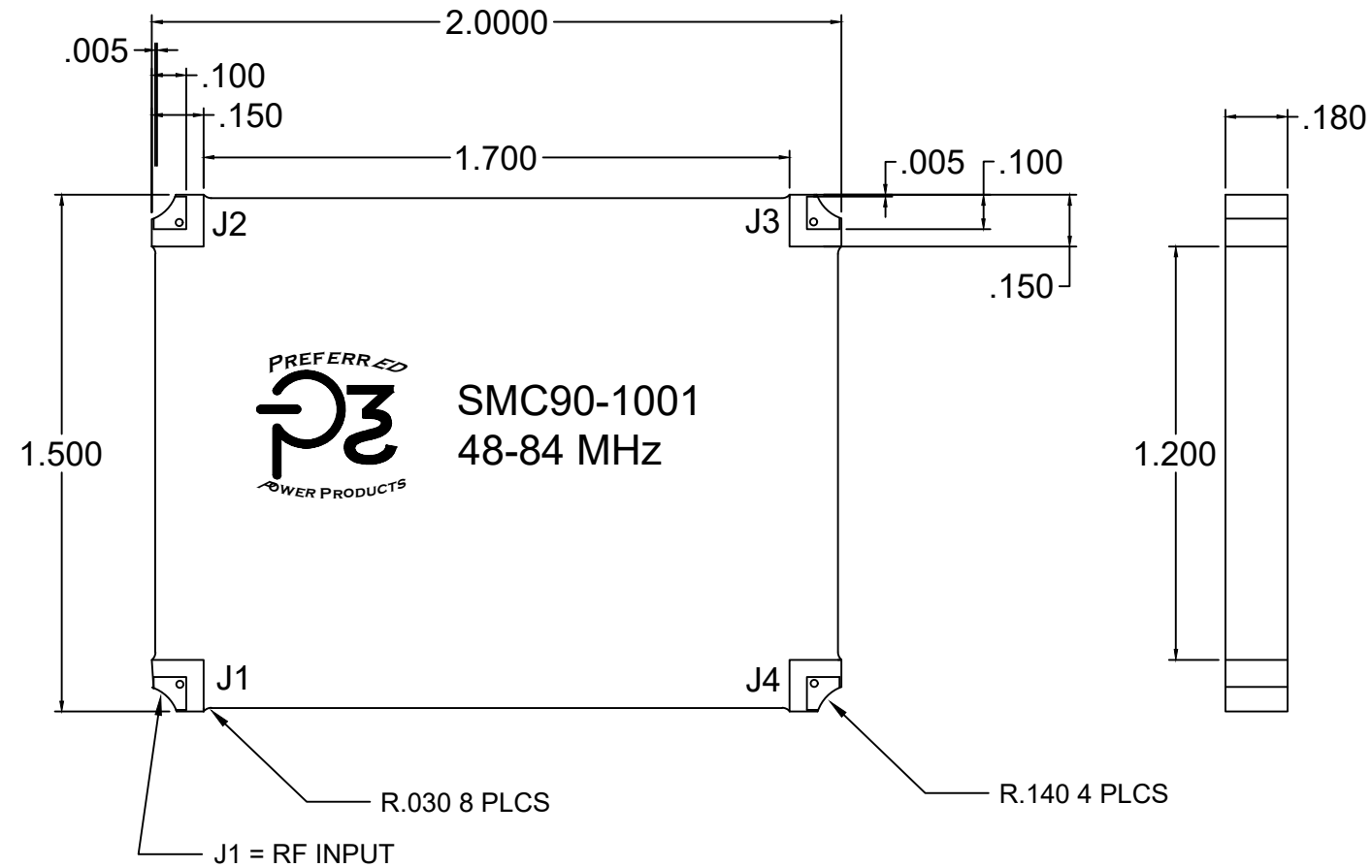


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/28/19



SPECIFICATIONS:

Frequency: 48-84 MHz.
 Power: 300 Watts CW
 Insertion Loss: 0.20 dB Max.
 Isolation: 20 dB Min.
 Phase Bal.: 90° ±3.0° Max.
 VSWR: 1.25 Max..
 Amplitude Bal.: ±0.30 dB Max.
 Oper. Temp.: -55° to +85°C

MECHANICAL:

Board Material: PTFE
 Finish: Emmersion Tin Plate



PORT CONFIGURATION

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

<p>PREFERRED POWER PRODUCTS PALM CITY, FLORIDA 34990</p>	<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <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		<p>PART NO. SMC90-1001</p> <p>HYBRID COUPLER, SMT 90 DEG. 48-84 MHz. 300 WATT</p>				
	DECIMALS	ANGULAR												
.X ± .1	± .5°													
.XX ± .01														
.XXX ± .005														
<p>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.</p>	<table border="1"> <tr> <td>CHECKED</td> <td>PD</td> <td>9/28/19</td> <td>APPROVED</td> <td>PD</td> <td>9/28/19</td> </tr> <tr> <td>DRAWN</td> <td>PD</td> <td>9/28/19</td> <td>ENGINEER</td> <td>PD</td> <td>9/28/19</td> </tr> </table>	CHECKED	PD	9/28/19	APPROVED	PD	9/28/19	DRAWN	PD	9/28/19	ENGINEER	PD	9/28/19	<p>CAGE CODE 7W5T7 SCALE 1:1 SHEET 1 OF 1</p>
CHECKED	PD	9/28/19	APPROVED	PD	9/28/19									
DRAWN	PD	9/28/19	ENGINEER	PD	9/28/19									