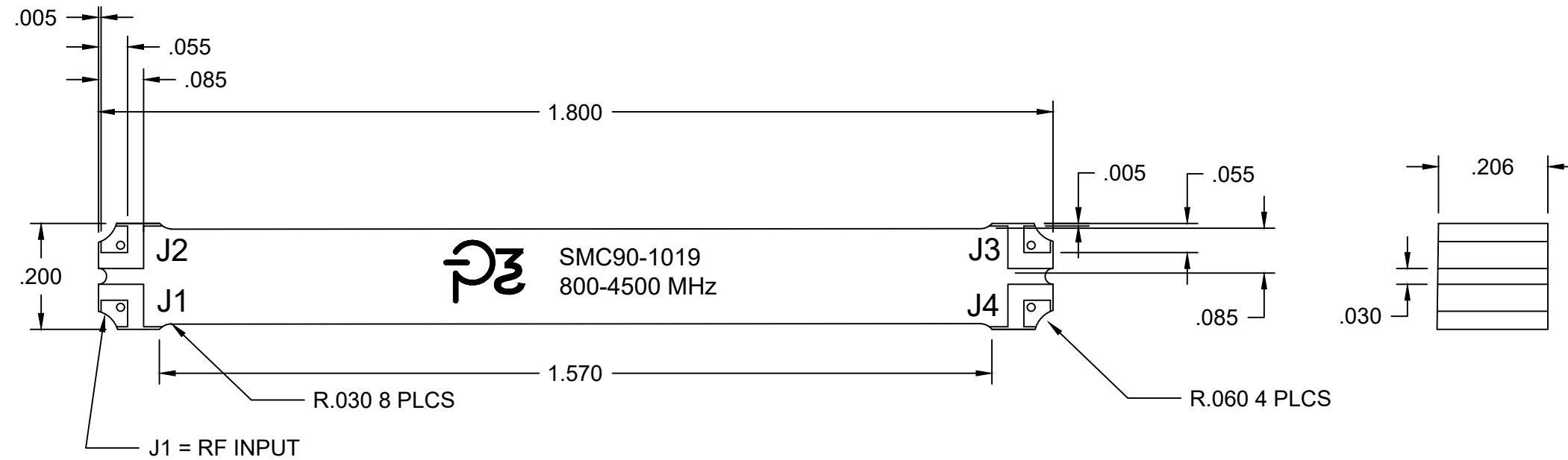


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/25/19



**SPECIFICATIONS:**

Frequency: 800-4500 MHz.  
 Power: 125 Watts CW  
 Insertion Loss: 0.65 dB Max.  
 Isolation: 15 dB Min.  
 Phase Bal.: 90° ±5.0° Max.  
 VSWR: 1.35 Max..  
 Amplitude Bal.: ±0.80 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°	--



**PREFERRED  
 POWER PRODUCTS**  
 PALM CITY, FLORIDA 34990

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.

**SMC90-1019**

**HYBRID COUPLER, SMT 90 DEG.**  
**800-4500 MHz.**  
**125 WATT**

CHECKED	PD	9/25/19	APPROVED	PD	9/25/19
DRAWN	PD	9/25/19	ENGINEER	PD	9/25/19
CAGE CODE	7W5T7	SCALE	1:1	SHEET	1 OF 1