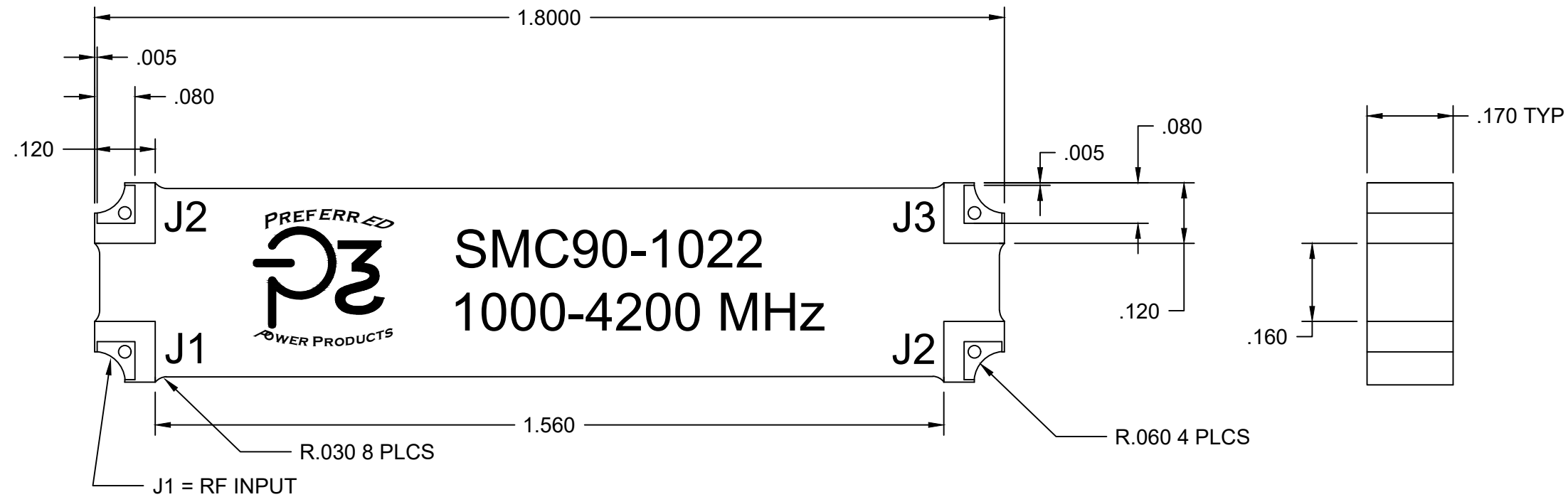


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/20/19



SPECIFICATIONS:

Frequency: 1000-4200 MHz.
 Power: 80 Watts CW
 Insertion Loss: 0.50 dB Max.
 Isolation: 18 dB Min.
 Phase Bal.: 90° ±5.0° Max.
 VSWR: 1.30 Max..
 Amplitude Bal.: ±0.60 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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PART NO. **SMC90-1022**
HYBRID COUPLER, SMT 90 DEGREE
1000-4200 MHz.
80 WATT

CHECKED	PD	9/20/19	APPROVED	PD	9/20/19
DRAWN	PD	9/20/19	ENGINEER	PD	9/20/19

CAGE CODE **7W5T7** SCALE **1:1** SHEET **1** OF **1**