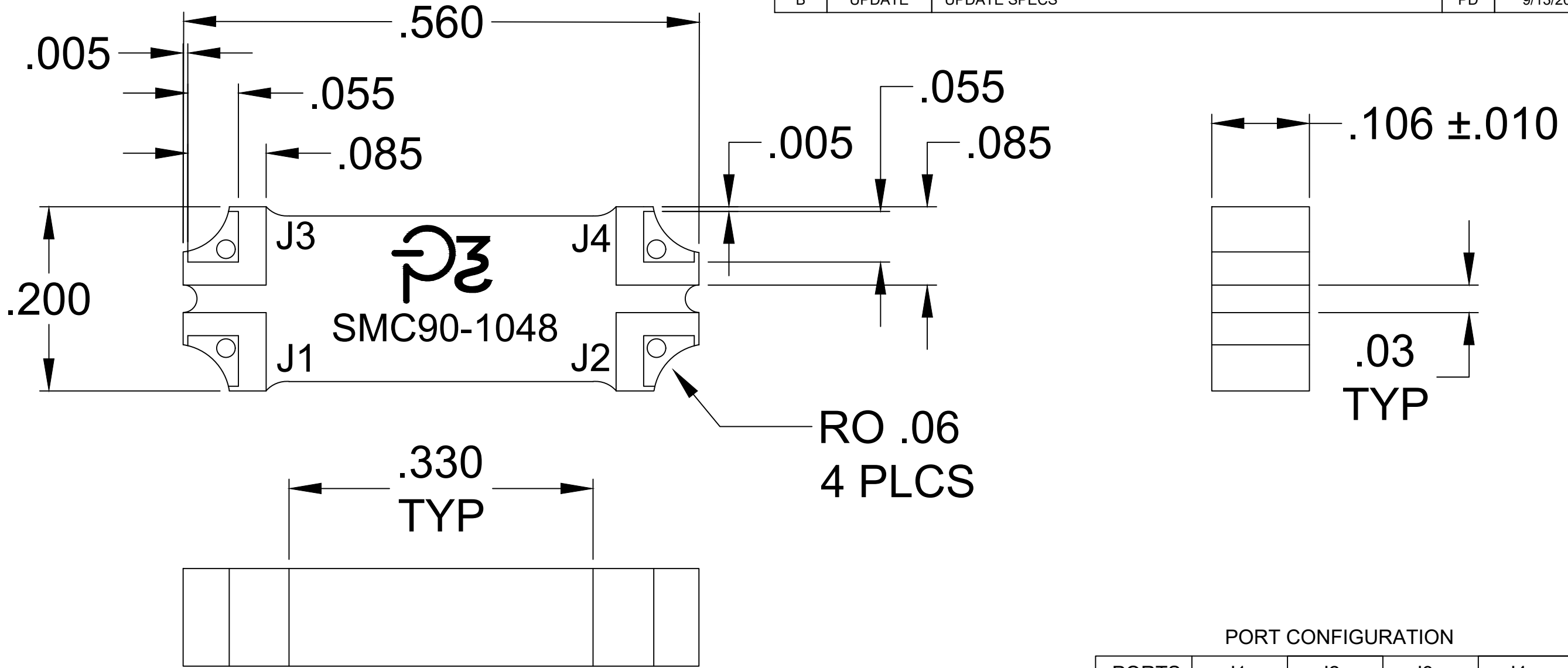


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	9/8/20
B	UPDATE	UPDATE SPECS	PD	9/13/20



SPECIFICATIONS:

Frequency: 2500-6000 MHz.
 Power: 100 Watts CW
 Insertion Loss: <0.3 dB dB
 Isolation: 18 dB MIN.
 Phase Bal.: 90° ±5.0°
 VSWR: <1.3:1 MAX.
 Amplitude Bal.: ±0.75 dB MAX.
 Oper. Temp.: -55° to +85°C

MECHANICAL:

Board Material: PTFE
 Finish: Immersion Tin Plate

NOTE:
 REPLACES IPP-7004

PORT CONFIGURATION

PORTS	J1	J2	J3	J4
J1	--	ISO	-3dB 0°	-3dB -90°
J2	ISO	--	-3dB -90°	-3dB 0°
J3	-3dB 0°	-3dB -90°	--	ISO
J4	-3dB -90°	-3dB 0°	ISO	--



 PREFERRED POWER PRODUCTS STUART, FLORIDA 34997	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES: DECIMALS ANGULAR .X ± .1 ± .5° .XX ± .01 .XXX ± .005	PART NO. SMC90-1048 HYBRID COUPLER, SMT, 90 DEG 2500-6000 MHz. 100 WATT
	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 9/8/20 APPROVED PD 9/8/20 DRAWN PD 9/8/20 ENGINEER PD 9/8/20 CAGE CODE 7W5T7 SCALE 1:1 SHEET 1 OF 1