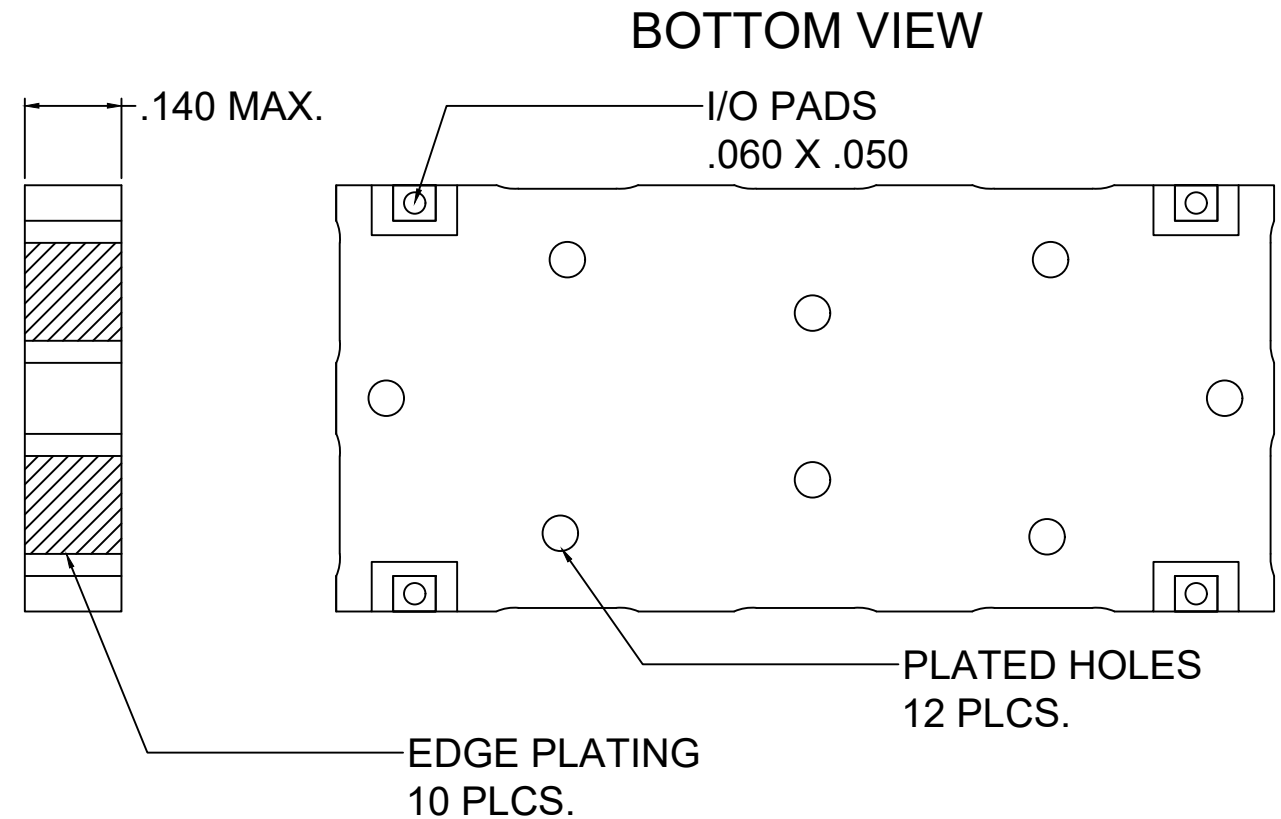
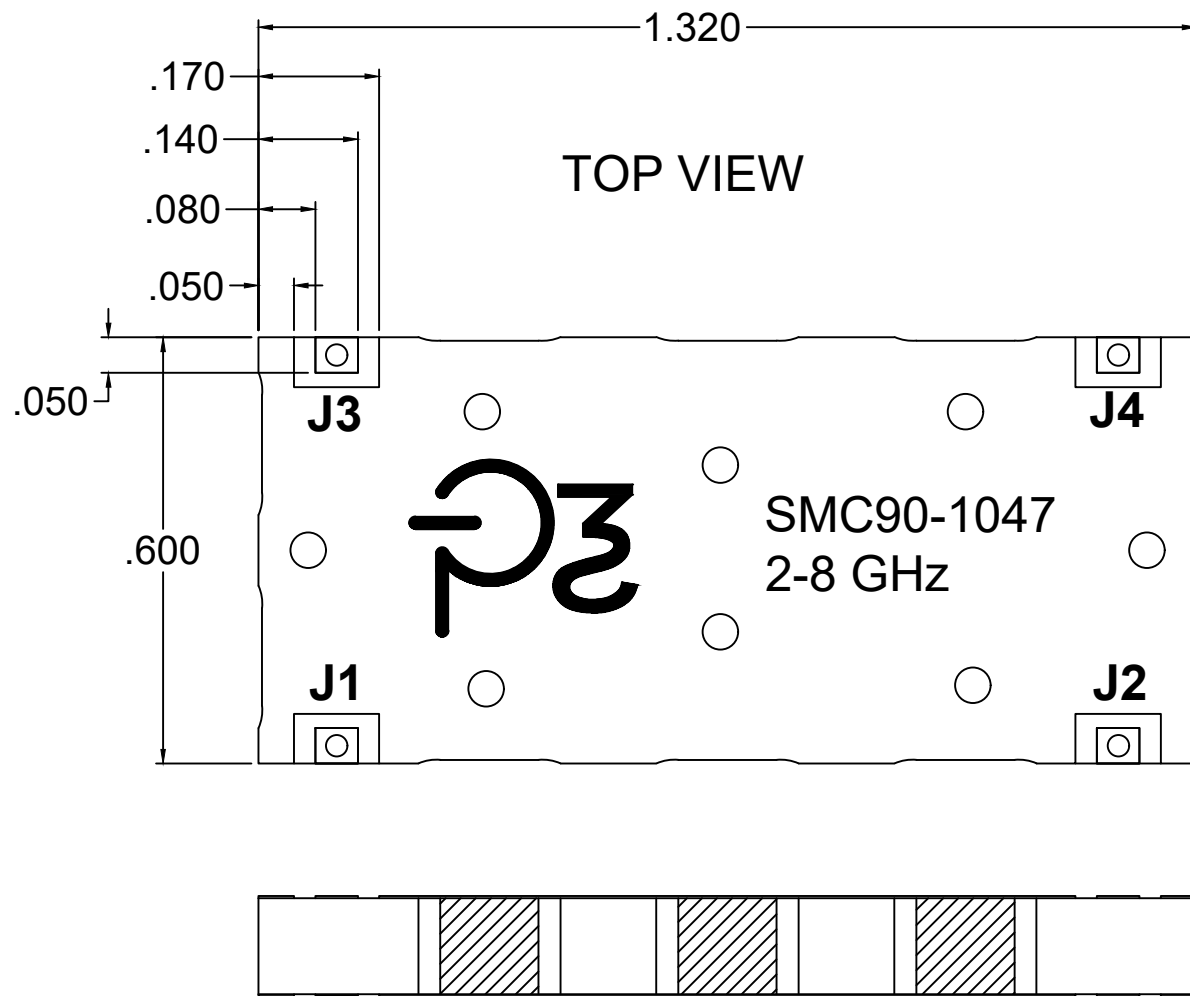


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	6/5/20



**PORT CONFIGURATION**

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

**SPECIFICATIONS:**

Frequency: 2.0 - 8.0 GHz.  
 Power: 200 Watts CW  
 Insertion Loss: 0.80 dB Max.  
 Isolation: 15 dB Min.  
 Phase Bal.: 90° ±5.0° Max.  
 VSWR: 1.4:1 Max.  
 Amplitude Bal.: ±0.7 dB Max.  
 Oper. Temp.: -55° to +85°C

**MECHANICAL:**

Finish: Non-Magnetic, Imersion Tin Plate  
 Marking: P/N to be half etched



**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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 PROPERTY OF PREFERRED POWER  
 PRODUCTS, LLC AND MAY NOT BE USED,  
 REPRODUCED OR DISCLOSED WITHOUT  
 EXPRESSED WRITTEN CONSENT.

PART NO.

**SMC90-1047**

**HYBRID COUPLER, SMT**  
**2.0 - 8.0 GHz.**  
**200 WATT**

CHECKED	PD	6/5/20	APPROVED	PD	6/5/20
DRAWN	PD	6/5/20	ENGINEER	PD	6/5/20

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