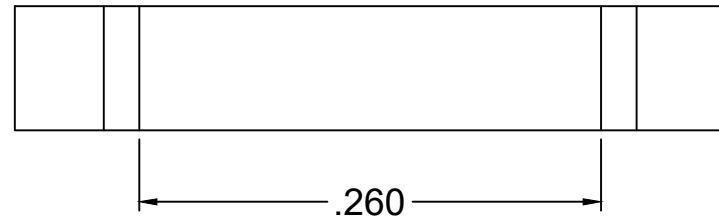
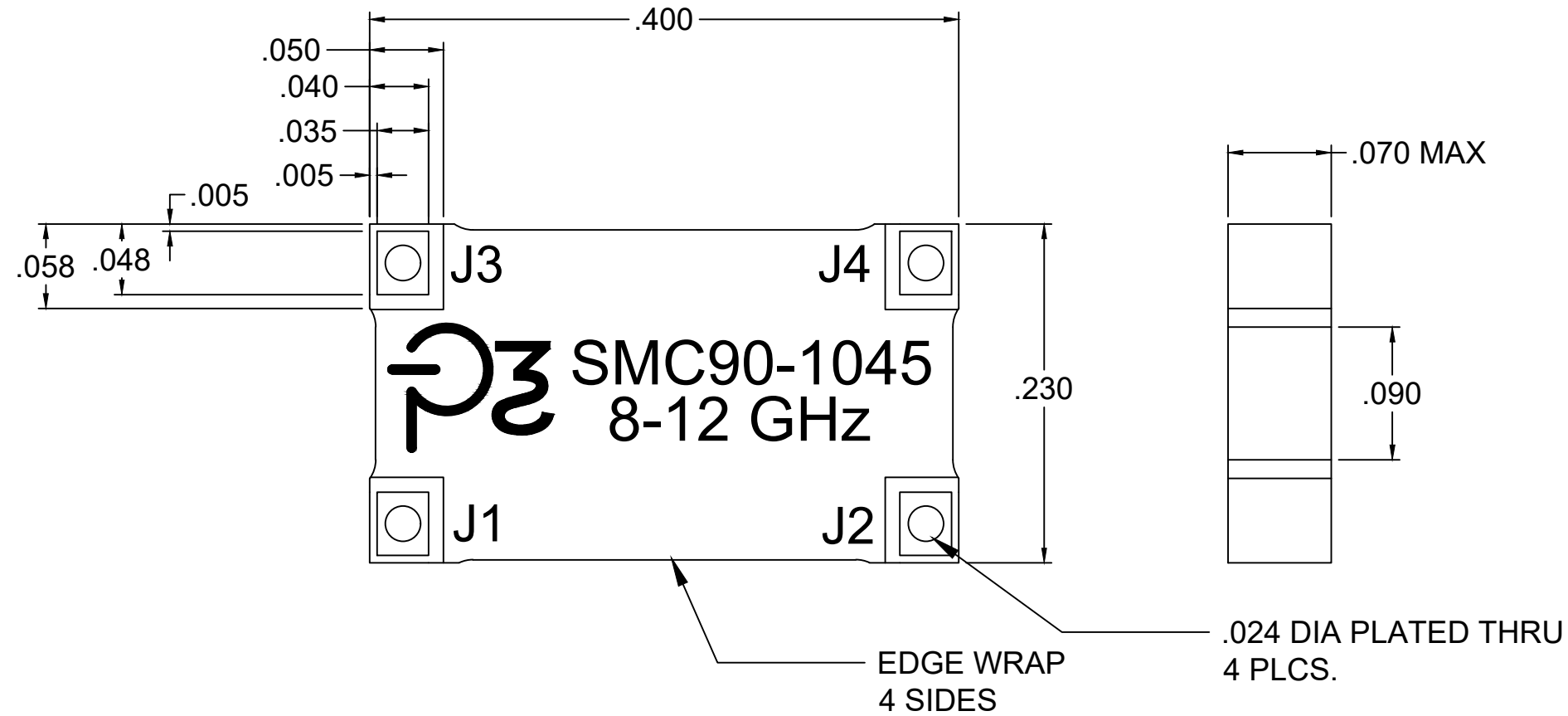


REV	RELEASE	DESCRIPTION	APPR	DATE
A	NEW	INITIAL RELEASE	PD	4/2/20



PORT CONFIGURATION

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

SPECIFICATIONS:

Frequency: 8.0-11.0 GHz.
 Power: 125 Watts CW
 Insertion Loss: 0.35 dB Max.
 Isolation: 17 dB Min.
 Phase Bal.: 90° ±7.0° Max.
 VSWR: 1.43:1 Max.
 Amplitude Bal.: ±0.2 dB Max.
 Oper. Temp.: -55° to +85°C

MECHANICAL:

Finish: Non-Magnetic, Immersion 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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PART NO. **SMC90-1045**
HYBRID COUPLER, 90 DEGREE, SMT
8.0 - 11 GHz.
125 WATT

CHECKED	PD	4/2/20	APPROVED	PD	4/20/20
DRAWN	PD	4/2/20	ENGINEER	PD	4/20/20

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