



## 90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts

### TECHNICAL DATA SHEET

PE2054

#### 90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts

##### Configuration

Connector 1	SMA Female
Connector 2	SMA Female
Connector 3	SMA Female
Connector 4	SMA Female
Design	90 Degrees Hybrid

##### Electrical Specifications

Frequency Range, GHz	4 to 8
Phase Difference, Degrees	90
Impedance, Ohms	50
Isolation, dB	18
Maximum Insertion Loss, dB	3.2
Maximum Input Power, Watts	50
Maximum Input VSWR	1.25:1
Peak Power, KWatts	3
Coupling Value, dB	3
Coupled Loss, dB	0.2
Frequency Sensitivity, dB	0.5

##### Mechanical Specifications

###### Size

Length, in [mm]	1 [25.4]
Width, in [mm]	1.25 [31.75]
Height, in [mm]	0.38 [9.65]

###### Connector 1

Type	SMA Female
------	------------

###### Connector 2

Type	SMA Female
------	------------

###### Connector 3

Type	SMA Female
------	------------

###### Connector 4

Type	SMA Female
------	------------

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts PE2054](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



## 90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts

### TECHNICAL DATA SHEET

PE2054

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

#### Plotted and Other Data

Notes:

Values at 25 °C, sea level

90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

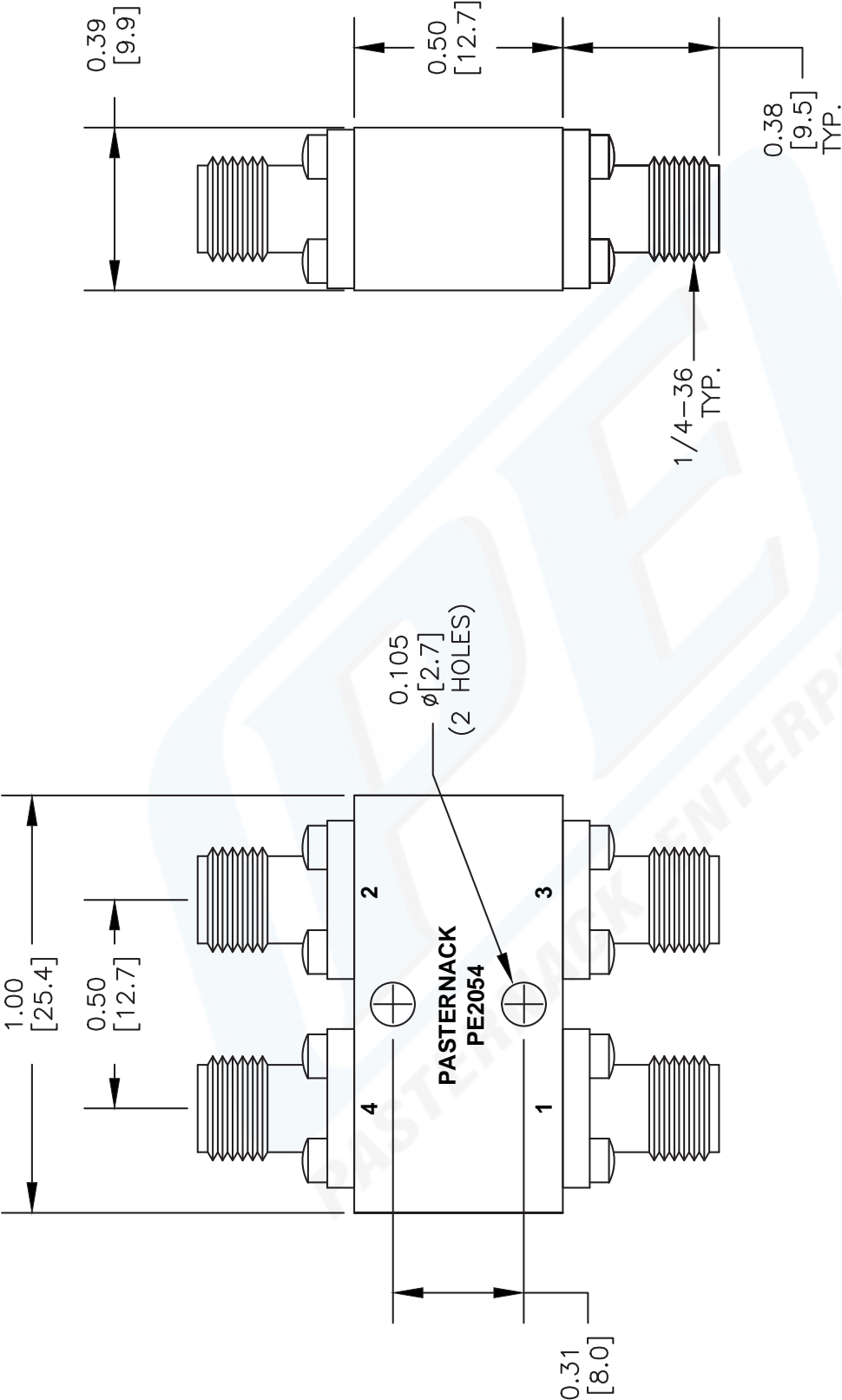
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts PE2054](http://www.pasternack.com/hybrid-directional-3-db-sma-coupler-4-8-ghz-50-watts-pe2054-p.aspx)

URL: <http://www.pasternack.com/hybrid-directional-3-db-sma-coupler-4-8-ghz-50-watts-pe2054-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.

PE2054 CAD Drawing

90 Degree SMA Hybrid From 4 GHz to 8 GHz Rated To 50 Watts



PORT CONFIGURATION			
INPUT	90° OUTPUT	0° OUTPUT	ISOLATED
1	4	2	3

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].

DWG TITLE  
**PE2054**

**PE PASTERNAK®**  
Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: www.pasternack.com | E-Mail: sales@pasternack.com

REV. A  
**FSCM NO. 53919**

CAD FILE  
092607

SCALE  
N/A

SIZE  
A

127