



**50 Ohm 4 Way SMA Wilkinson Power Divider**  
From 500 MHz to 2 GHz Rated at 30 Watts

**TECHNICAL DATA SHEET**

**PE2087**

**50 Ohm 4 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 Watts**

**Configuration**

Input Connector	SMA Female
Output Connectors	SMA Female
Frequency Range, GHz	0.5 to 2
Design	Wilkinson
Number of Output Ports	4

**Electrical Specifications**

Frequency Range, GHz	0.5 to 2
Impedance, Ohms	50
Maximum Insertion Loss, dB	1
Maximum Input Power, Watts	30
Maximum Input VSWR	1.3:1
Maximum Output VSWR	1.2:1
Minimum Isolation, dB	20
Phase Balance, Degrees	± 3
Flatness, dB	0.3

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-55 to +85
Storage Range, deg C	-55 to +100

**Size**

Length, in [mm]	3 [76.2]
Width, in [mm]	2.21 [56.13]
Height, in [mm]	0.39 [9.91]

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

RoHS Compliant	Yes
----------------	-----

**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
--------	----------------------------

50 Ohm 4 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 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.

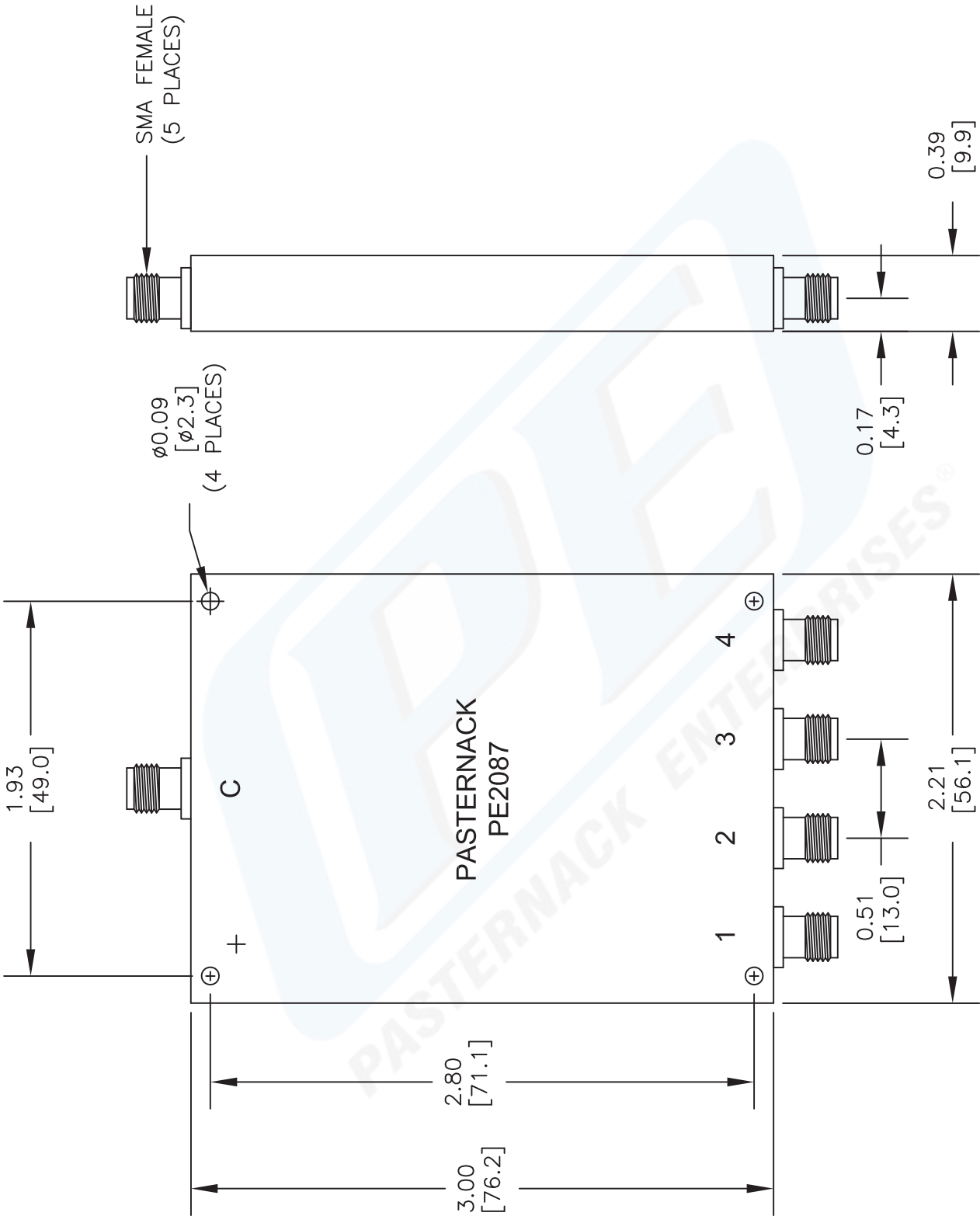
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Ohm 4 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 Watts PE2087](http://www.pasternack.com/4-way-sma-wilkinson-power-divider-500-mhz-2-ghz-30-watts-pe2087-p.aspx)

URL: <http://www.pasternack.com/4-way-sma-wilkinson-power-divider-500-mhz-2-ghz-30-watts-pe2087-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.

PE2087 CAD Drawing

50 Ohm 4 Way SMA Wilkinson Power Divider From 500 MHz to 2 GHz Rated at 30 Watts



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  
**PE2087**

FSCM NO. 53919

CAD FILE 100313

SCALE N/A

SIZE A

150

**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