



Directional 6 dB N Coupler From 800 MHz
to 2.5 GHz Rated To 60 Watts

TECHNICAL DATA SHEET

PE2237-6

Directional 6 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts

Configuration

| | |
|-------------|---------------------|
| Connector 1 | N Female |
| Connector 2 | N Female |
| Connector 3 | N Female |
| Design | Directional Coupler |

Electrical Specifications

| | |
|----------------------------|------------|
| Frequency Range, GHz | 0.8 to 2.5 |
| Directivity, dB | 20 |
| Impedance, Ohms | 50 |
| Maximum Insertion Loss, dB | 0.5 |
| Maximum Input Power, Watts | 60 |
| Maximum Input VSWR | 1.25:1 |
| Coupling Value, dB | 6 |
| Coupling Tolerance, dB | ± 0.5 |
| Frequency Sensitivity, dB | 0.7 |

Mechanical Specifications

Temperature

| | |
|------------------------|------------|
| Operating Range, deg C | -20 to +70 |
|------------------------|------------|

Size

| | |
|-----------------|----------------|
| Length, in [mm] | 5.635 [143.13] |
| Width, in [mm] | 0.825 [20.96] |
| Height, in [mm] | 1.94 [49.28] |

Connector 1

| | |
|------|----------|
| Type | N Female |
|------|----------|

Connector 2

| | |
|------|----------|
| Type | N Female |
|------|----------|

Connector 3

| | |
|------|----------|
| Type | N Female |
|------|----------|

Compliance Certifications (visit www.Pasternack.com for current document)

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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 6 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts PE2237-6](#)

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.



Directional 6 dB N Coupler From 800 MHz
to 2.5 GHz Rated To 60 Watts

TECHNICAL DATA SHEET

PE2237-6

Plotted and Other Data

Notes:

Values at 25 °C, sea level

Directional 6 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 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.

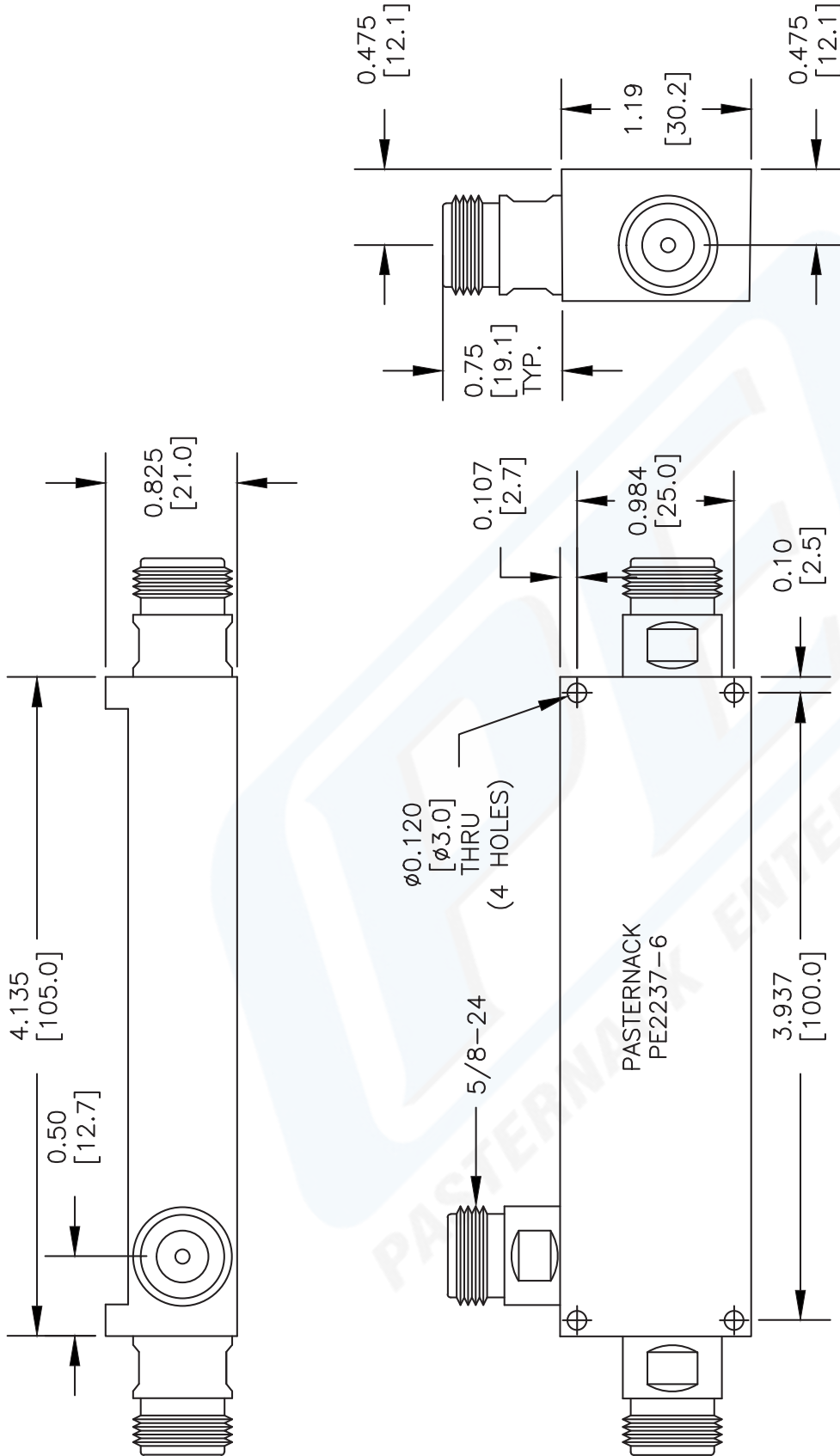
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Directional 6 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 Watts PE2237-6](http://www.pasternack.com/directional-6-db-n-coupler-0.8-2.5-ghz-70-watts-pe2237-6-p.aspx)

URL: <http://www.pasternack.com/directional-6-db-n-coupler-0.8-2.5-ghz-70-watts-pe2237-6-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.

PE2237-6 CAD Drawing

Directional 6 dB N Coupler From 800 MHz to 2.5 GHz Rated To 60 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
PE2237-6

FSCM NO. 53919

CAD FILE 070109

SCALE N/A

SIZE A

XXXX

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