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# 50 Ohm 2 Way N Wilkinson Power Divider From 690 MHz to 2.7 GHz Rated at 10 Watts

## TECHNICAL DATA SHEET PE2092

**50 Ohm 2 Way N Wilkinson Power Divider From 690 MHz to 2.7 GHz Rated at 10 Watts**

### Configuration

| | |
|---|---|
| Input Connector | N Female |
| Input Connector Specification | MIL-STD-348 |
| Output Connectors | N Female |
| Output Connectors Specification | MIL-STD-348 |
| Frequency Range, GHz | 0.69 to 2.7 |
| Design | Wilkinson |
| Number of Output Ports | 2 |
| Housing Material and Plating | Aluminum |

### Electrical Specifications

| | |
|---|---|
| Frequency Range, GHz | 0.69 to 2.7 |
| Impedance, Ohms | 50 |
| Maximum Insertion Loss, dB | 0.5 |
| Maximum Input Power, Watts | 10 |
| Maximum Input VSWR | 1.25:1 |
| Maximum Output VSWR | 1.2:1 |
| Minimum Isolation, dB | 22 |
| Phase Balance, Degrees | ± 3 |
| Flatness, dB | 0.2 |

### Mechanical Specifications

**Temperature**

| | |
|---|---|
| Operating Range, deg C | -55 to +85 |

**Size**

| | |
|---|---|
| Length, in [mm] | 3.4 [86.36] |
| Width, in [mm] | 2 [50.8] |
| Height, in [mm] | 0.8 [20.32] |
| Color | Blue |

**Input Connector**

| | |
|---|---|
| Contact Material and Plating | Beryllium Copper, Gold |
| Connector Material and Plating | Brass |
| Body Material and Plating | Brass |

**Output Connectors**

| | |
|---|---|
| Contact Material and Plating | Beryllium Copper, Gold |
| Connector Material and Plating | Brass |
| Body Material and Plating | Brass |

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 50 Ohm 2 Way N Wilkinson Power Divider From 690 MHz to 2.7 GHz Rated at 10 Watts PE2092

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.

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

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

**Plotted and Other Data**

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

50 Ohm 2 Way N Wilkinson Power Divider From 690 MHz to 2.7 GHz Rated at 10 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.

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URL: http://www.pasternack.com/2-way-n-wilkinson-power-divider-690-mhz-2.7-ghz-10-watts-pe2092-p.aspx

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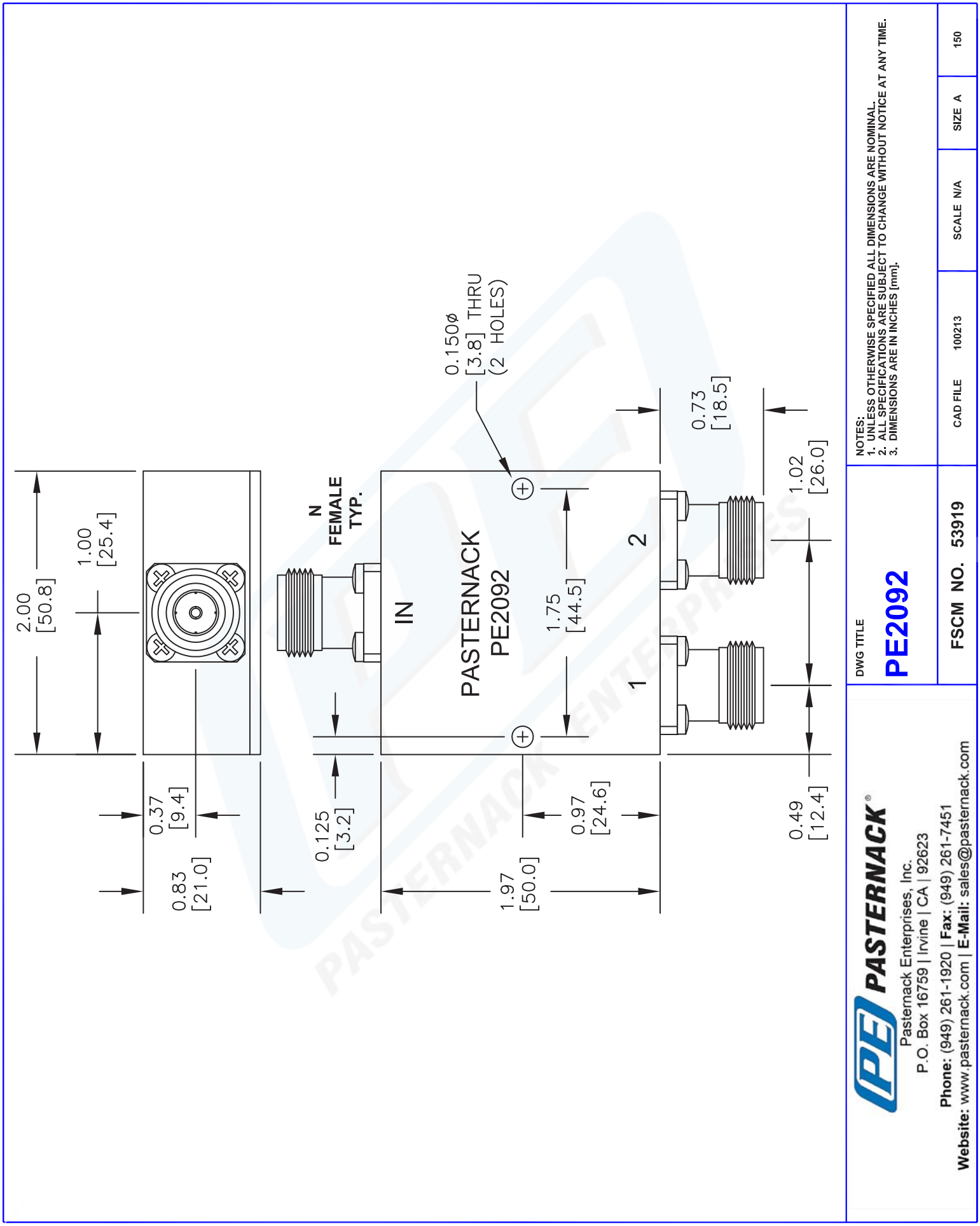
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# PE2092 CAD Drawing

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