



50 Ohm 0.5 Watts WR-28 RF Load Up To 40 GHz

TECHNICAL DATA SHEET

PE6800

**50 Ohm 0.5 Watts WR-28 RF Load Up To 40 GHz**

**Configuration**

|            |          |
|------------|----------|
| Connector  | WR-28    |
| Heat Sink  | Aluminum |
| Body Style | Straight |

**Electrical Specifications**

|                            |            |
|----------------------------|------------|
| Frequency Range, GHz       | 26.5 to 40 |
| Impedance, Ohms            | 50         |
| Maximum VSWR               | 1.3:1      |
| Maximum Input Power, Watts | 0.5        |

**Mechanical Specifications**

**Size**

|                     |              |
|---------------------|--------------|
| Length, in [mm]     | 0.56 [14.22] |
| Width/Dia., in [mm] | 0.75 [19.05] |
| Height, in [mm]     | 0.75 [19.05] |

**Connector**

|      |       |
|------|-------|
| Type | WR-28 |
|------|-------|

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

**Plotted and Other Data**

Notes: Values at 25 °C, sea level

50 Ohm 0.5 Watts WR-28 RF Load Up To 40 GHz 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 0.5 Watts WR-28 RF Load Up To 40 GHz PE6800](http://www.pasternack.com/waveguide-termination-frequency-range-2650-4000-ghz-pe6800-p.aspx)

URL: <http://www.pasternack.com/waveguide-termination-frequency-range-2650-4000-ghz-pe6800-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.



# PE6800 CAD Drawing

50 Ohm 0.5 Watts WR-28 RF Load Up To 40 GHz



BACK VIEW



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DWG TITLE

**PE6800**

FSCM NO. 53919

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].

CAD FILE 070604

SCALE N/A

SIZE A

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