



## 100 Watts WR-51 RF Load Up To 18 GHz

### TECHNICAL DATA SHEET

PE6830

#### 100 Watts WR-51 RF Load Up To 18 GHz

##### Configuration

Connector	WR-51
Heat Sink	Aluminum

##### Electrical Specifications

Frequency Range, GHz	15 to 22
Impedance, Ohms	50
Maximum VSWR	1.1:1
Maximum Input Power, Watts	100

##### Mechanical Specifications

###### Size

Length, in [mm]	4 [101.6]
Width/Dia., in [mm]	2.4 [60.96]
Height, in [mm]	2.4 [60.96]
Color	Black

###### Connector

Type	WR-51
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**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

##### Plotted and Other Data

Notes: Values at 25 °C, sea level

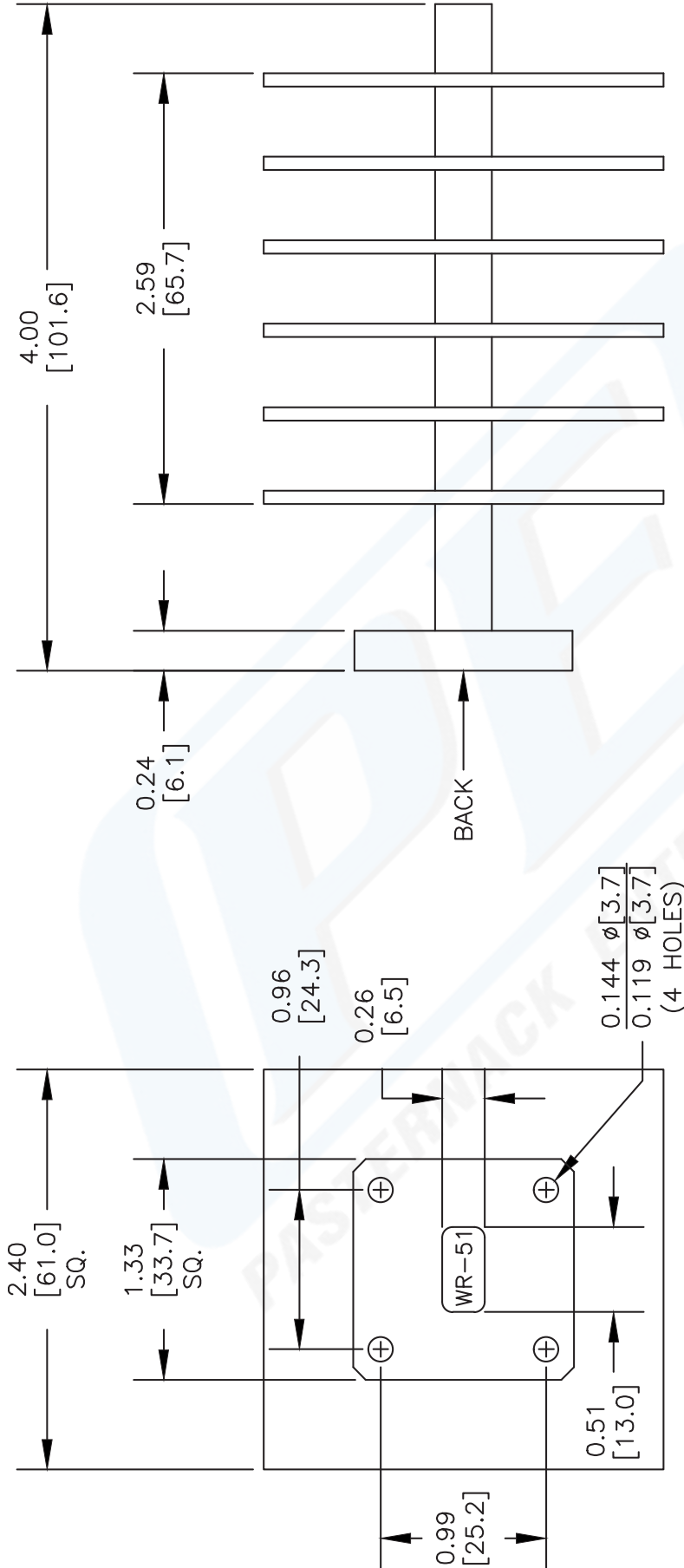
100 Watts WR-51 RF Load Up To 18 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [100 Watts WR-51 RF Load Up To 18 GHz PE6830](http://www.pasternack.com/high-power-waveguide-termination-frequency-range-1500-2200-ghz-pe6830-p.aspx)

URL: <http://www.pasternack.com/high-power-waveguide-termination-frequency-range-1500-2200-ghz-pe6830-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.

**PE6830 CAD Drawing**  
100 Watts WR-51 RF Load Up To 18 GHz



BACK VIEW

DWG TITLE

**PE6830**

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].

FSCM NO. 53919

CAD FILE 043004

SCALE N/A

SIZE A

127



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