



50 Watts Medium Power WR-42 Waveguide  
Load 18 GHz to 26.5 GHz, Aluminum

## Waveguide Terminations Technical Data Sheet

PE6820

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	18		26.5	GHz
VSWR		1.07:1		
Input Power (CW)			50	Watts

### Mechanical Specifications

#### Size

Length	3.5 in [88.9 mm]
Width/Dia.	0.875 in [22.23 mm]
Height	0.875 in [22.23 mm]
Weight	0.151 lbs [68.49 g]

Description	Flange	Waveguide
Designation	None	WR-42
Type	Square Cover	
Material		Aluminum

### Compliance Certifications (see [product page](#) for current document)

Notes:

50 Watts Medium Power WR-42 Waveguide Load 18 GHz to 26.5 GHz, Aluminum from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

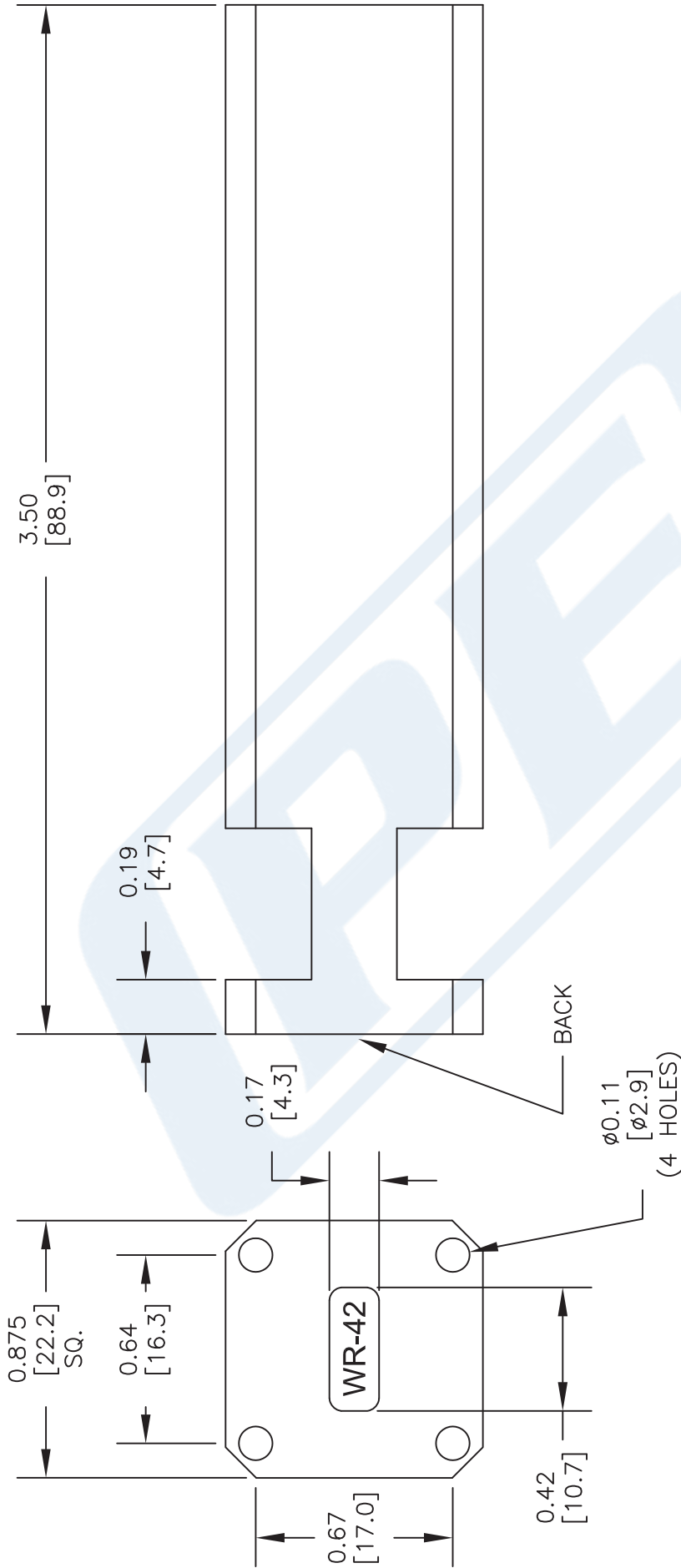
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Watts Medium Power WR-42 Waveguide Load 18 GHz to 26.5 GHz, Aluminum PE6820](#)

URL: <https://www.pasternack.com/medium-power-waveguide-termination-frequency-range-1800-2650-ghz-pe6820-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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE6820 CAD Drawing

50 Watts Medium Power WR-42 Waveguide Load 18 GHz to 26.5 GHz, Aluminum



### STANDARD TOLERANCES

.X ±0.2  
.XX ±0.1  
.XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



**THE ENGINEER'S RF SOURCE**  
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DWG TITLE

**PE6820**

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].

CAGE CODE 53919

CAD FILE 053017

SCALE N/A

SIZE A

2233