



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

Environmental Specifications

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

Plotted and Other Data

Notes:

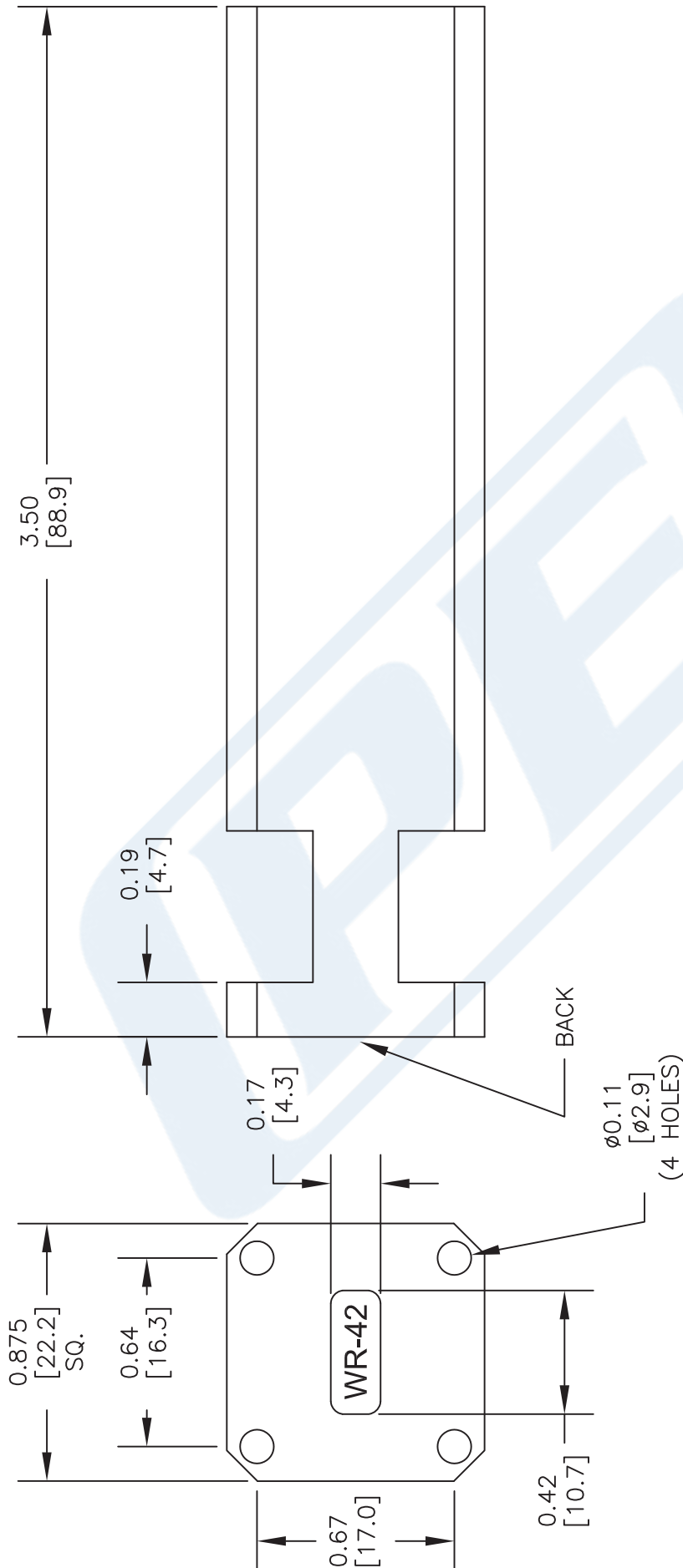
50 Watts Medium Power WR-42 Waveguide Load 18 GHz to 26.5 GHz, Aluminum from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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>

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

PE PASTERNAK
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