PASTERNACK®
THE ENGINEER'S RF SOURCE



Medium Power 25 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Round Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET PE6209

Configuration

Connector	7/16 DIN Male
Connector Specification	MIL-STD-348
Heat Sink	Black Anodized Aluminum Heatsink
Connection Method	Standard
Body Style	Straight

Electrical Specifications

Frequency Range, GHz	DC to 8
Impedance, Ohms	50
Maximum VSWR	1.6:1
Maximum Input Power, Watts	25
Peak Power, Watts	500

Frequency 1

Frequency, GHz	DC to 6
VSWR	1.3:1

Frequency 2

Frequency, GHz	6 to 12.4
VSWR	1.45:1

Frequency 3

Frequency, GHz	12.4 to 18
VSWR	1.6:1

Mechanical Specifications

Temperature

Operating Range, deg C	-65 to +125
Width/Dia., in [mm]	2.3 [58.42]
Color	Black

Connector

Type	7/16 DIN Male
Inner Conductor Material and Plating	Brass, Silver
Coupling Nut Material and Plating	Brass, Silver
Hex Size, Inch	7/16
Body Material and Plating	Brass, Silver
Dielectric Type	PTFE

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

RoHS Compliant	Yes

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Medium Power 25 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Round Body Black Anodized Aluminum Heatsink PE6209

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 Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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Plotted and Other Data

Notes: Values at 25 °C, sea level

Medium Power 25 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Round Body Black Anodized Aluminum Heatsink 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/25-watts-7-16-male-rf-load-up-to-8-ghz-pe6209-p.aspx

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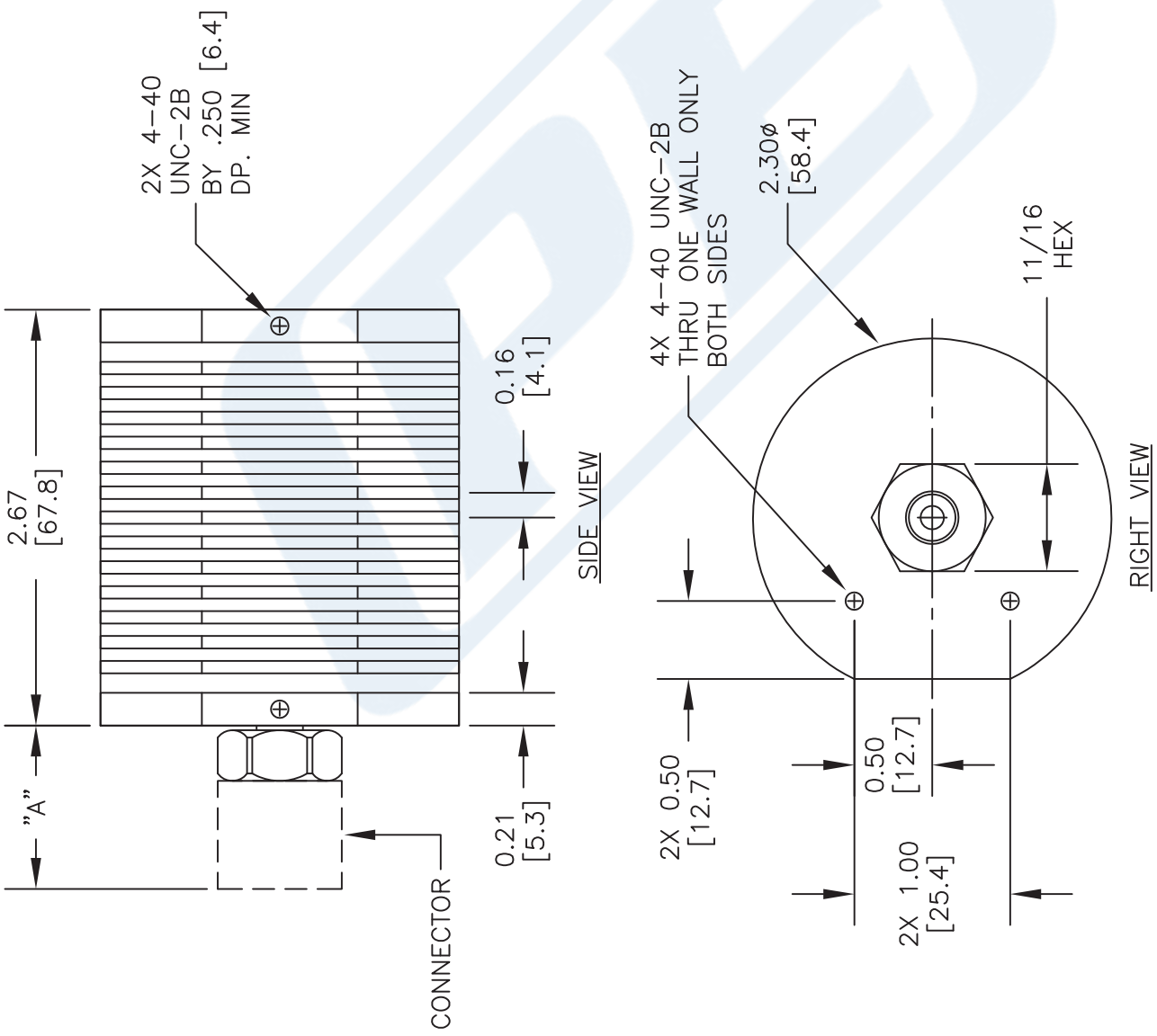
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PE6209 CAD Drawing

Medium Power 25 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Round Body Black Anodized Aluminum Heatsink

Part Number Configuration	
PN	Connector
PE6203	SMA Male
PE6204	SMA Female
PE6205	N Male
PE6206	N Female
PE6207	TNC Male
PE6208	TNC Female
PE6209	7/16 Male
PE6210	7/16 Female

Table of Information	
Connector Type	DIM "A" (REF.)
SMA Male	0.68
SMA Female	0.54
N Male	0.98
N Female	0.95
TNC Male	0.98
TNC Female	0.94
7/16 Male	1.12
7/16 Female	1.16



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].

DWG TITLE: PE62xx

FSCM NO. 53919

CAD FILE 080213 | SCALE N/A | SIZE A | 2233

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