



High Power 100 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Conduction Cooled Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET

PE6225

**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	1.5:1
Maximum Input Power, Watts	100
Peak Power, KWatts	2

**Frequency 1**

Frequency, GHz	DC to 2
VSWR	1.2:1

**Frequency 2**

Frequency, GHz	2 to 4
VSWR	1.35:1

**Frequency 3**

Frequency, GHz	4 to 6
VSWR	1.45:1

**Frequency 4**

Frequency, GHz	6 to 8
VSWR	1.5:1

**Mechanical Specifications**

**Temperature**

Operating Range, deg C	-55 to +125
Color	Black

**Connector**

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

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

RoHS Compliant	Yes
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Conduction Cooled Body Black Anodized Aluminum Heatsink PE6225](#)

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.



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**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

High Power 100 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Conduction Cooled 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [High Power 100 Watts RF Load Up To 8 GHz With 7/16 DIN Male Input Conduction Cooled Body Black Anodized Aluminum Heatsink PE6225](http://www.pasternack.com/100-watts-7-16-male-rf-load-up-to-8-ghz-pe6225-p.aspx)

URL: <http://www.pasternack.com/100-watts-7-16-male-rf-load-up-to-8-ghz-pe6225-p.aspx>

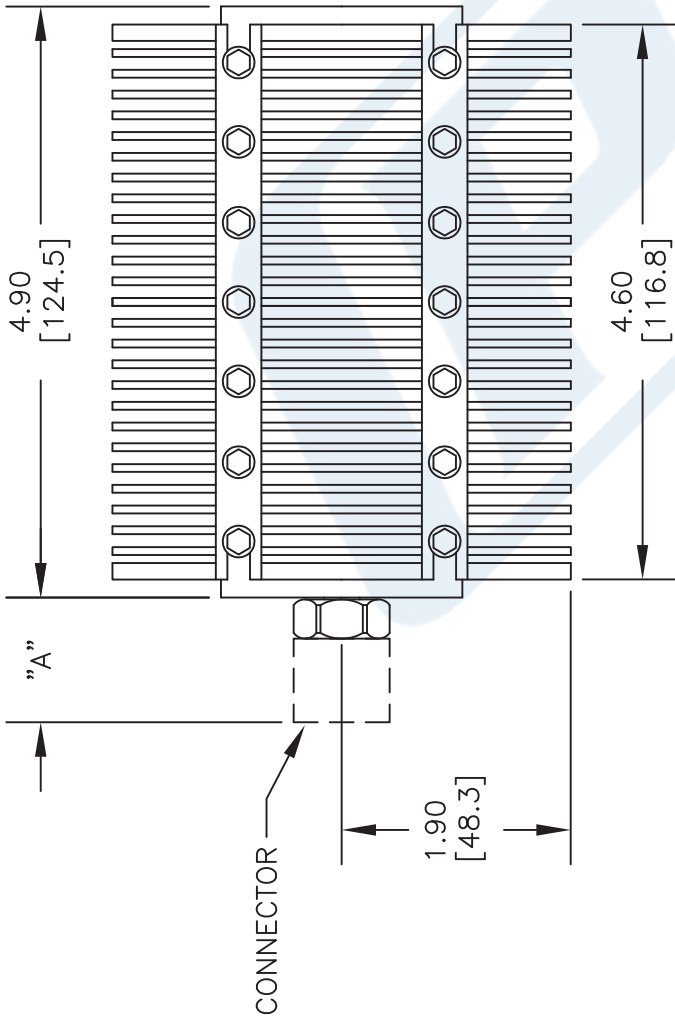
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# PE6225 CAD Drawing

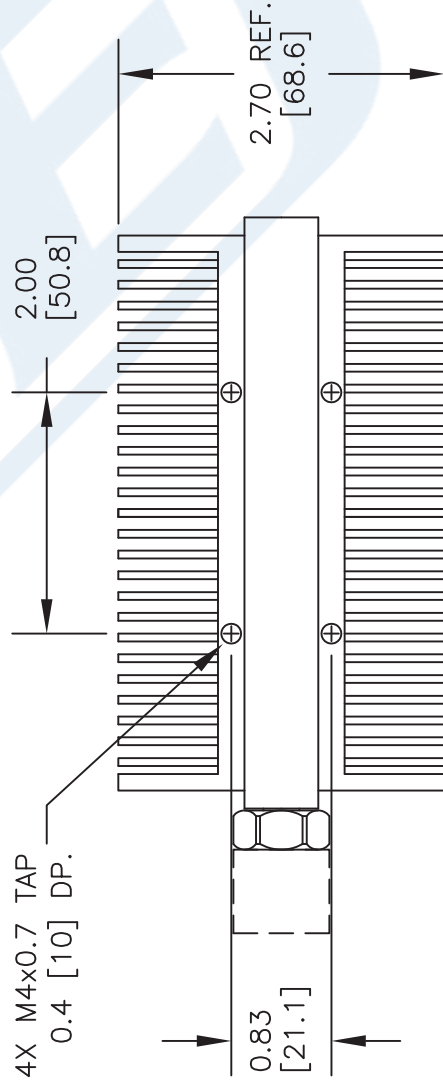
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Part Number Configuration	
PN	Connector
PE6219	SMA Male
PE6220	SMA Female
PE6221	N Male
PE6222	N Female
PE6223	TNC Male
PE6224	TNC Female
PE6225	7/16 Male
PE6226	7/16 Female

Table of Information	
Connector Type	DIM "A" (REF.)
SMA Male	0.78
SMA Female	0.63
N Male	1.13
N Female	1.09
TNC Male	0.96
TNC Female	1.06
7/16 Male	1.28
7/16 Female	1.32



TOP VIEW



SIDE VIEW

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**

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FSCM NO. 53919

CAD FILE 080213

SCALE N/A

SIZE A

2233