



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

TECHNICAL DATA SHEET

PE6221

Configuration

Connector	N 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	N Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Body Material and Plating	Passivated Stainless Steel
Dielectric Type	PTFE

Compliance Certifications (visit 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 N Male Input Conduction Cooled Body Black Anodized Aluminum Heatsink PE6221](#)

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 N 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.

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PE6221 CAD Drawing

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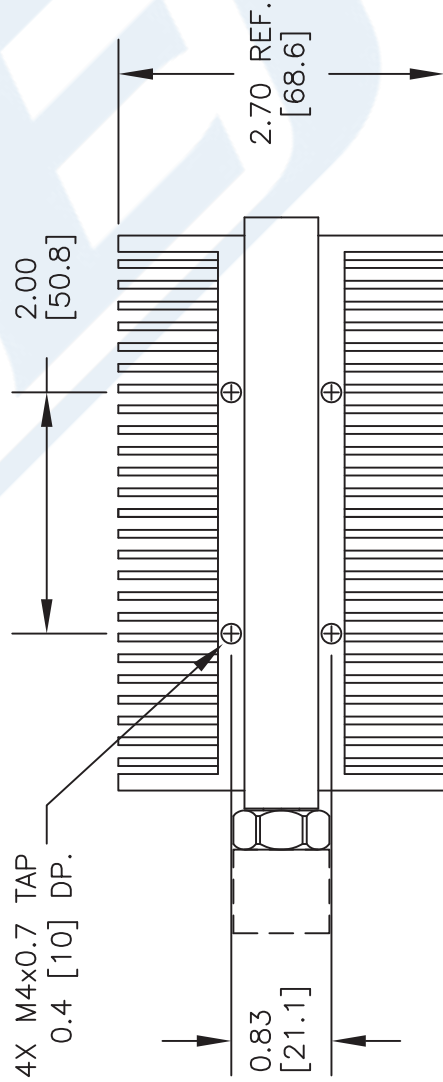
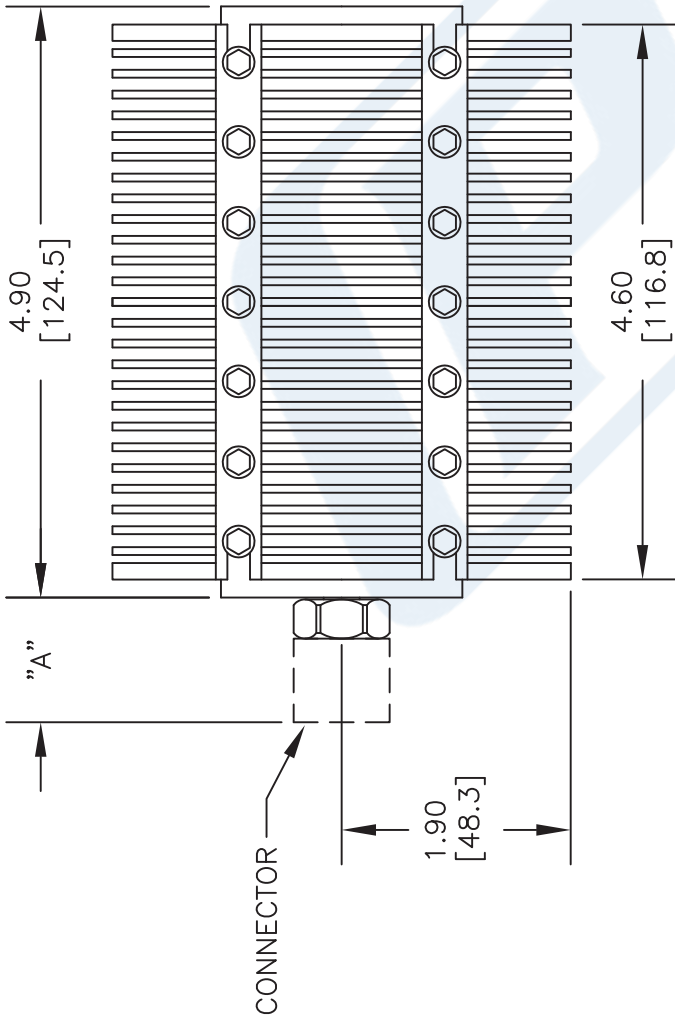


Table of Information		Part Number Configuration	
Connector Type	DIM "A" (REF.)	PN	Connector
SMA Male	0.78	PE6219	SMA Male
SMA Female	0.63	PE6220	SMA Female
N Male	1.13	PE6221	N Male
N Female	1.09	PE6222	N Female
TNC Male	0.96	PE6223	TNC Male
TNC Female	1.06	PE6224	TNC Female
7/16 Male	1.28	PE6225	7/16 Male
7/16 Female	1.32	PE6226	7/16 Female

DWG TITLE

PE62xx

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].

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FSCM NO. 53919

CAD FILE 080213

SCALE N/A

SIZE A

2233