



Medium Power 25 Watts RF Load Up To 18 GHz With SMA  
Male Input Round Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET

PE6203

**Configuration**

Connector	SMA 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 18
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	SMA Male
Inner Conductor Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size, Inch	5/16
Body Material and Plating	Passivated Stainless Steel
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: [Medium Power 25 Watts RF Load Up To 18 GHz With SMA Male Input Round Body Black Anodized Aluminum Heatsink PE6203](#)

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

Medium Power 25 Watts RF Load Up To 18 GHz With SMA 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.

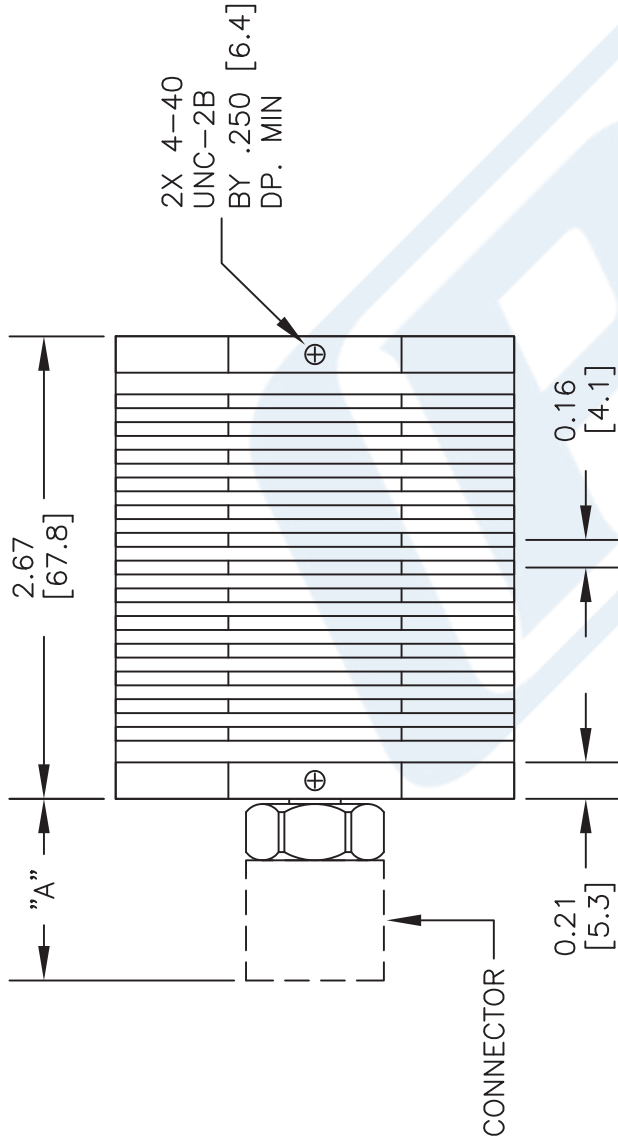
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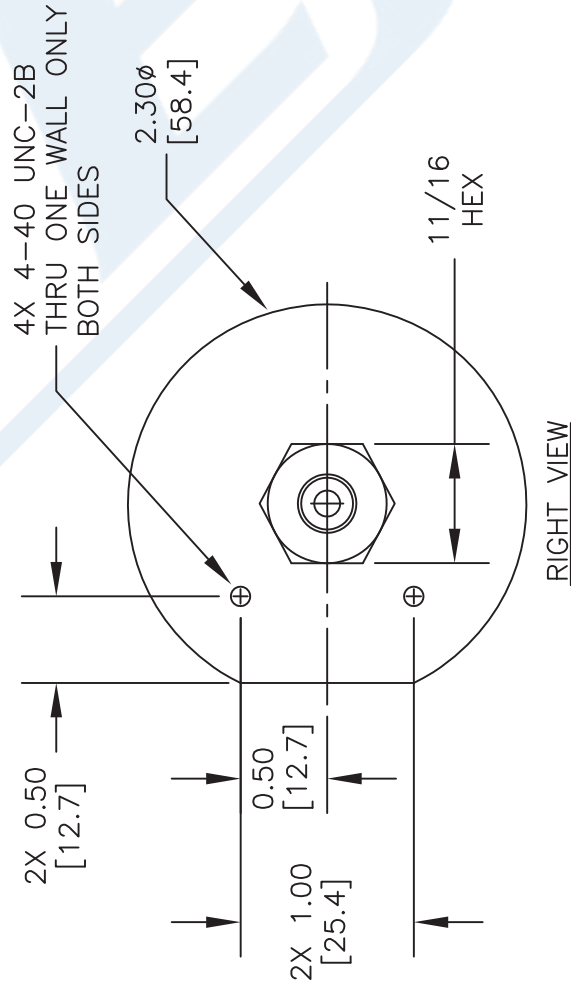
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# PE6203 CAD Drawing

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SIDE VIEW



RIGHT VIEW

Table of Information		Part Number Configuration	
Connector Type	DIM "A" (REF.)	PN	Connector
SMA Male	0.68	PE6203	SMA Male
SMA Female	0.54	PE6204	SMA Female
N Male	0.98	PE6205	N Male
N Female	0.95	PE6206	N Female
TNC Male	0.98	PE6207	TNC Male
TNC Female	0.94	PE6208	TNC Female
7/16 Male	1.12	PE6209	7/16 Male
7/16 Female	1.16	PE6210	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