PASTERNACK®
THE ENGINEER'S RF SOURCE



Medium Power 50 Watts RF Load Up To 18 GHz With SMA Male Input Square Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET PE6211

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	50
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
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 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 50 Watts RF Load Up To 18 GHz With SMA Male Input Square Body Black Anodized Aluminum Heatsink PE6211

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
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Plotted and Other Data

Notes: Values at 25 °C, sea level

Medium Power 50 Watts RF Load Up To 18 GHz With SMA Male Input Square 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: Medium Power 50 Watts RF Load Up To 18 GHz With SMA Male Input Square Body Black Anodized Aluminum Heatsink PE6211

URL: http://www.pasternack.com/50-watts-sma-male-rf-load-up-to-18-ghz-pe6211-p.aspx

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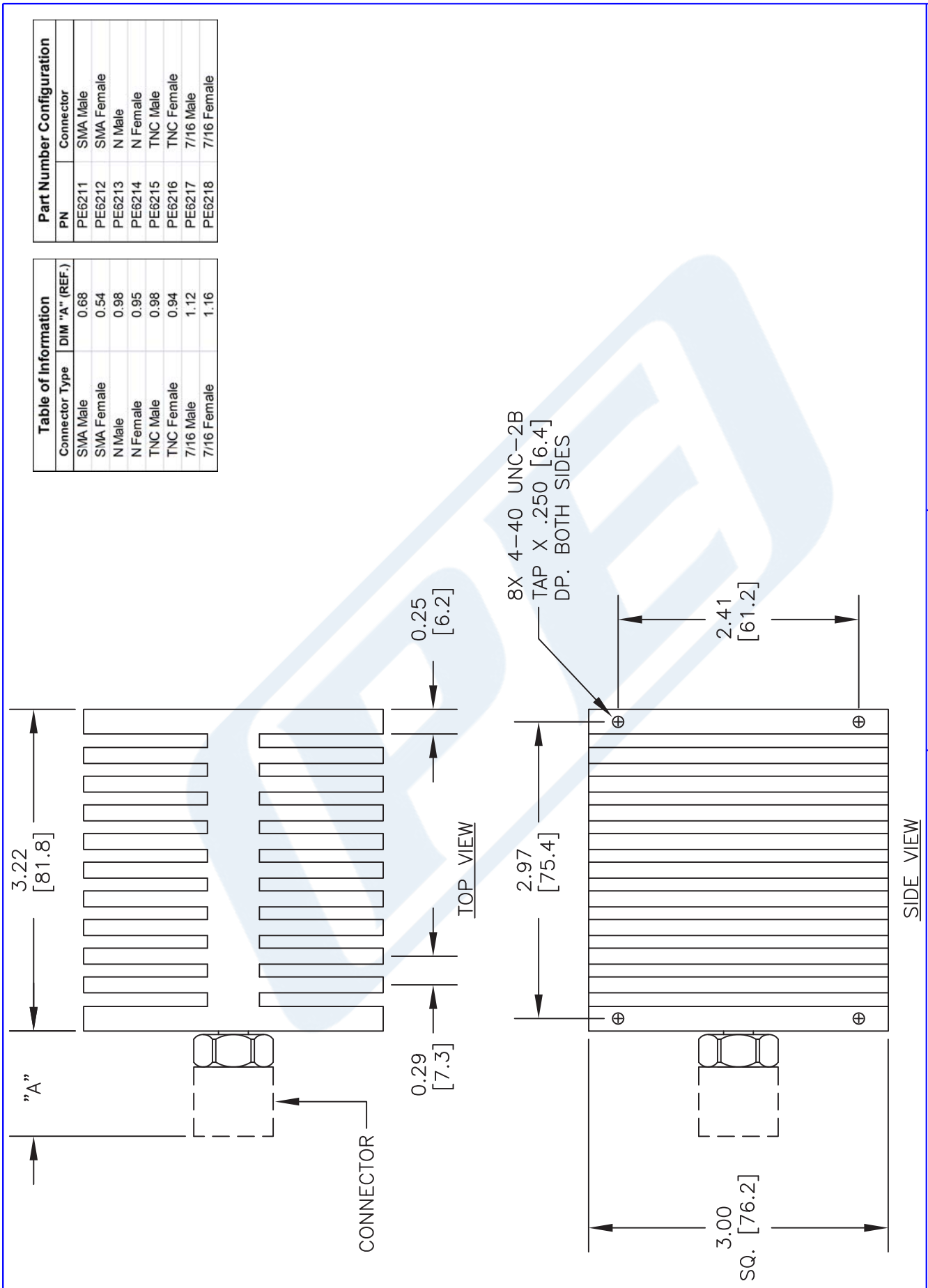
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PE6211 CAD Drawing

Medium Power 50 Watts RF Load Up To 18 GHz With SMA Male Input Square Body Black Anodized Aluminum Heatsink

Part Number Configuration	
PN	Connector
PE6211	SMA Male
PE6212	SMA Female
PE6213	N Male
PE6214	N Female
PE6215	TNC Male
PE6216	TNC Female
PE6217	7/16 Male
PE6218	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

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

FSCM NO. 53919

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