



50 Watt RF Load Up To 18 GHz With SMA Female Input
Square Body Black Anodized Aluminum Heatsink

TECHNICAL DATA SHEET PE6212

Configuration

Connector	SMA Female
Connector Specification	MIL-STD-348
Heat Sink	Black Anodized Aluminum Heatsink
Connection Method	Standard
Body Style	Straight

Electrical Specifications (Values at 25°C, sea level)

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
VSWR			1.6:1	
Input Power			50	Watts
Peak Power			500	Watts

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 6	6 to 12.4	12.4 to 16	16 to 18		GHz
VSWR	1.3:1	1.45:1	1.6:1	1.8:1		

Mechanical Specifications

Temperature

Operating Range	-65 to +125 deg C
Color	Black

Connector

Type	SMA Female
Inner Conductor Material and Plating	Beryllium Copper, Gold
Outer Conductor 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

Plotted and Other Data

- Notes:
- Values at +25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Watt RF Load Up To 18 GHz With SMA Female Input Square Body Black Anodized Aluminum Heatsink PE6212](#)

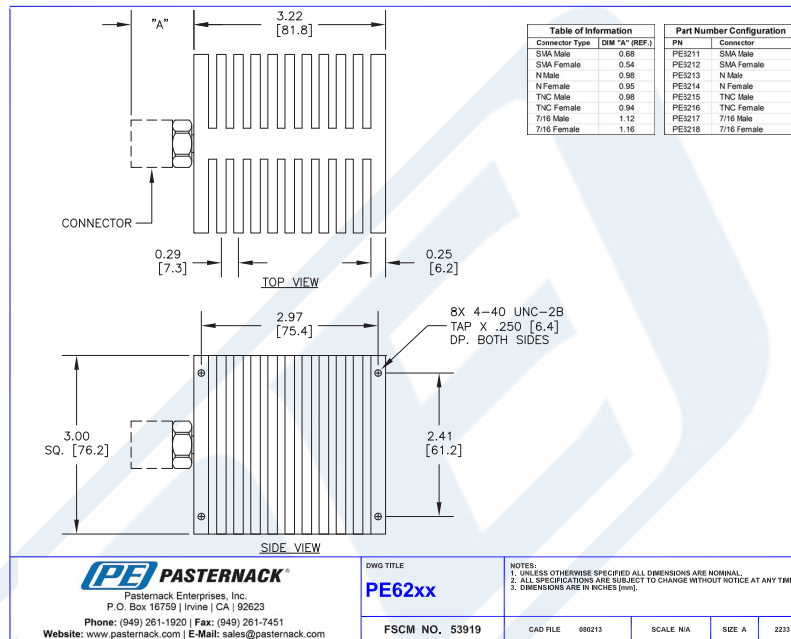


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Outline Drawing



50 Watt RF Load Up To 18 GHz With SMA Female Input Square Body Black Anodized Aluminum Heatsink from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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: [50 Watt RF Load Up To 18 GHz With SMA Female Input Square Body Black Anodized Aluminum Heatsink PE6212](http://www.pasternack.com/50-watts-sma-female-rf-load-up-to-18-ghz-pe6212-p.aspx)

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