



# JA00010030P61; 1.5 MHz – 30 MHz 1200W Amplifier

- Solid-state Class AB design
- MOS Transistors
- High reliability and ruggedness
- Ultra Small Dimensions & Ultra Light Weight
- Enable Control



## ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

<b>Frequency:</b>	1.5-30 MHz
<b>Output Power:</b>	1200 W CW
<b>Nominal Gain:</b>	20 dB
<b>Gain Flatness:</b>	± 3 dB
<b>Input VSWR:</b>	2:1 max.
<b>Load VSWR for Survival:</b>	∞:1 for 1 min.
<b>DC Supply Voltage:</b>	36 V
<b>DC Current:</b>	70 A Avg
<b>Operating Case Temp.:</b>	-40 °C to 85 °C
<b>Storage Temperature:</b>	-40 °C to 85 °C
<b>Shock:</b>	MIL-STD-810F/G
<b>Vibration:</b>	MIL-STD-810F/G

## INTERFACES

<b>RF Input:</b>	SMA Female
<b>RF Output:</b>	N Female
<b>9W4 Combo:</b>	A1) 36 V
<b>(x2)</b>	A2) 36 V
	A3) GND
	A4) GND
	1) Enable (Active High)
	2) NC
	3) GND
	4) NC
	5) GND

## MECHANICAL SPECIFICATIONS

**Size (mm) :** 415 x 278 x 65  
**(inch) :** 16.34 x 10.95 x 2.56  
**Weight :** 7800 gr.  
**Plating :** Yellow Chromate

