



JA00010030P57; 1.5 MHz – 30 MHz 500W Amplifier

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



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1.5-30 MHz
Output Power:	500 W CW
Nominal Gain:	20 dB
Gain Flatness:	± 3 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1 for 1 min.
DC Supply Voltage:	36 V
DC Current:	29 A Avg
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F/G
Vibration:	MIL-STD-810F/G

INTERFACES

RF Input:	SMA Female
RF Output:	N Female
7W2 Combo:	A1) GND
	A2) 36 V
	1) Enable (Active High)
	2) NC
	3) GND
	4) NC
	5) GND

MECHANICAL SPECIFICATIONS

Size (mm) : 259 x 213 x 65
(inch) : 10.20 x 8.39 x 2.56
Weight : 3750 gr.
Plating : Yellow Chromate

