

JA00103P44; 1.5-30 MHz 25W

- Solid-state Class AB design
- MOS Transistors
- High reliability and ruggedness
- Forward/Reflected Power Monitorings
- Unconditionally Stable Operation



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1.5-30 MHz
Output Power:	25 W typ.
Nominal Gain:	44 dB
Gain Flatness:	± 2 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1
DC Supply Voltage:	28 V
DC Current:	2 A Avg
Harmonics Level:	15 dBc typ.
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F, 516.5
Vibration:	MIL-STD-810F, 514.5

INTERFACES

RF Input:	SMA Female
RF Output:	SMA Female
9-PIN DSUB:	1) 28 V
	2) 28 V
	3) Temp. Monitoring
	4) Current Monitoring
	5) Enable (Active Low)
	6) GND
	7) GND
	8) Reverse Power
	9) Forward Power

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Size (mm) :	90 x 80 x 22
(inch) :	3.54 x 3.15 x 0.87
Weight :	250 gr.
Plating :	Yellow Chromate

