

JA0252P44P44; 20-520 MHz 25W

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



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	20-520 MHz
Output Power:	25 W min.
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:	2.3 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) Enable
	2) Forward Power
	3) Current Monitoring
	4) Reverse Monitoring
	5) Temp. Monitoring
	6) 28 V
	7) 28 V
	8) GND
	9) GND

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

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

