



JA04006000P43; 400 MHz – 6000 MHz 20W AMPLIFIER

- Solid-state Class AB design
- Ultra Broadband
- GaN on SiC Transistors
- High reliability and ruggedness
- Small Dimensions & Light Weight
- Fast Switching Capability



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	400-6000 MHz
Output Power:	13 W min. 20 W typ.
Nominal Gain:	43 dB
Gain Flatness:	± 4.5 dB
Input VSWR:	2:1
DC Supply Voltage:	28 V
DC Current:	3.3 A typ.
Operating Case Temp.:	-40 °C to 80 °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:	SMA Female
9-PIN DSUB:	1) 28 V 2) 28 V 3) NC 4) GND 5) GND 6) Enable 7) NC 8) NC 9) NC

MECHANICAL SPECIFICATIONS

Size (mm) :	159 x 78 x 22
Weight :	gr.
Plating :	Yellow Chromate

