



JA04006000P37; 400 MHz – 6000 MHz 5W AMPLIFIER

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



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	400-6000 MHz
Output Power:	5 W min.
Nominal Gain:	37 dB
Gain Flatness:	± 4.5 dB
Input VSWR:	2:1
DC Supply Voltage:	28 V
DC Current:	0.75 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
Feedthrough-1:	28V DC
Feed-1 Shield:	GND
Feedthrough-2:	Enable (Active Low)

MECHANICAL SPECIFICATIONS

Size (mm) :	82 x 50.9 x 13.5
Weight :	110 gr.
Plating :	Yellow Chromate

