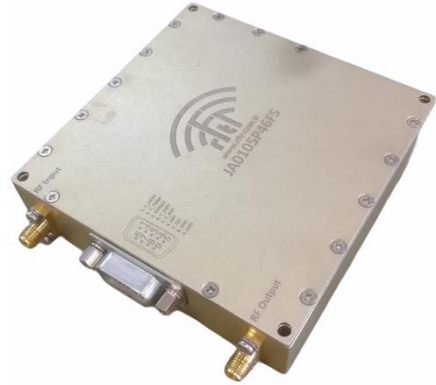


JA01000500P46FS; 100-500 MHz 40W

- Solid-state Class AB design
- GaN on SiC Transistors
- High reliability and ruggedness
- Ultra Broadband
- Temperature and Current Monitorings



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	100-500 MHz
Output Power:	40 W min. CW
Nominal Gain:	46 dB
Gain Flatness:	± 2.0 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1 for 1min.
DC Supply Voltage:	28 V
DC Current:	3.0 A Avg
ON/OFF Switching Time	<6 usec.
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) Current
	2) Temperature
	3) Enable (Active Low)
	4) Fwd. Power
	5) Rev. Power
	6) 28 V
	7) 28 V
	8) GND
	9) GND

MECHANICAL SPECIFICATIONS

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

