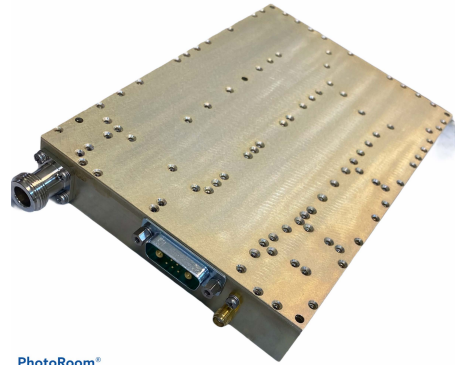


JA0727P50; 700 MHz – 2700 MHz 100W

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



PhotoRoom®

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	700-2700 MHz
Output Power:	100 W min. CW
Nominal Gain:	50 dB
Gain Flatness:	± 2.5 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1 for 1min.
DC Supply Voltage:	36 V
DC Current:	10 A Avg
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:	N Female
7W2 DSUB:	A1) GND A2) 36 V 1) Enable 2) Current 3) Rev. Power 4) Fwd. Power 5) Temperature

MECHANICAL SPECIFICATIONS

Size (mm) :	184 x 124 x 24.5
Weight :	1050 gr.
Plating :	Yellow Chromate

