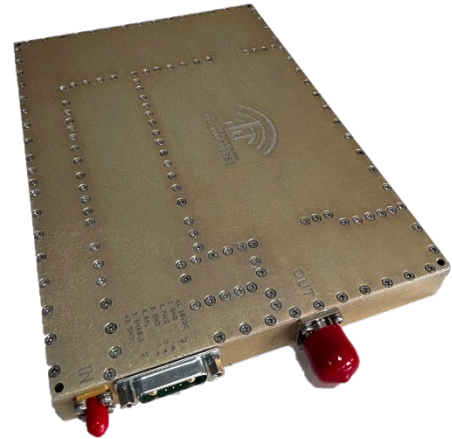




JA11001700P55; 1.1-1.7 GHz 300W AMPLIFIER

- Solid-state Class AB design
- GaN on SiC Transistors
- High reliability and ruggedness
- Forward/Reflected Power Monitorings
- Fast Switching Capability



ELECTRICAL & ENVIRONMENTAL

Frequency:	1100-1700 MHz
Output Power:	250W min. 300W Typ.
Nominal Gain:	CW 55dB
Gain Flatness:	± 2 dB
Input VSWR:	2:1 max.
Enable Speed:	5 µs max.
Load VSWR for	∞:1 for 1 min.
Survival:DC Supply	28V
Voltage:	25A Avg
DC Current:	-40 °C to 85 °C
Operating Case	-40 °C to 85 °C
Temp.:Storage	MIL-STD-810F/G
Temperature: Shock:	MIL-STD-810F/G

INTERFACES

RF Input:	SMA Female
RF Output:	N Female
7W2 DSUB:	A1) 28 V
	A2) GND
	1) GND
	2) FWD
	3) GND
	4) REV
	5) ENABLE

Size (mm) :	225 × 161.5 × 22.6
(inch) :	8.85 x 6.35 x 0.89
Weight :	1500 gr.
Plating :	Yellow Chromate

MECHANICAL SPECIFICATIONS

