

P/N: AMT-SPA9394-400P
Technique Specifications

Frequency Range(GHz)	9.35 – 9.45GHz
Output Pulse Power(dBm)	56 Min (400W)
Input Pulse Power(dBm)	25 Max.
Power Gain(dB)	32 Min.
Power Gain Flatness(dB)	±0.5 Max.
Duty Cycle	10% Max.
Pulse Width(us)	100 Max.
Amplitude Plus Droop	1 dB Max.
Pulse Rise/Fall Time(ns)	100 Max.
Spurious(dBc)	-60 Max.
Harmonics 1 to N(dBc)	-30Max.
Input/Output VSWR	1.5 Max.
Operating Voltage	40 VDC
Modulated mode	Drain Modulation
Switching Time (ns)	100 Max.
Power Consumption(W)	155 Max.
PAE	27% Min.
Dimension	TBD
Weight	TBD
RF Input	SMA-Female(Optional)
RF Output	WR90(Optional)
Supply & Control Connector	13W6 Combo Connector (Customizable)
Operating temperature	-20℃~+55℃
Storage Temperature	-45℃~+85℃



Supply & Control Connector Table

13W6		
Pin	Function	Description
A1	+48V	
A2	+48V	
A3	+48V	
A4	GND	
A5	GND	
A6	GND	
1	Pulse On/Off	
2	GND	
3	Temp	
4	Temp-GND	
5	Current Monitor	
6	Current Monitor - GND	
7~13	NC	