

P/N: AMT-SPA2829-3000
Technique Specifications

Frequency Range(GHz)	2.8-2.95 GHz
Output Pulse Power(dBm)	65 Min (3160W)
Input Pulse Power(dBm)	30 Max.
Power Gain(dB)	35 Min.
Power Gain Flatness(dB)	±0.5 Max.
Duty Cycle	10% Max.
Pulse Width(us)	100 Max.
Amplitude Plus Droop	0.5dB 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	48 VDC
Modulated mode	Drain Modulation
Switching Time (ns)	100 Max.
Power Consumption(W)	970 Max.
PAE	30% Min.
Dimension	TBD
Weight	TBD
RF Input	SMA-Female(Optional)
RF Output	WR284(Optional)
Supply & Control Connector	13W6 Combo Connector (Customizable)
Impedance(Ω)	50
Operating temperature	-20°C~+55°C
Storage Temperature	-45°C~+85°C



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	