

AMT-SPA-5060-100P

1- Specifications

Row	Parameter	Value			Unit
		Min	Typ	Max	
1	Frequency range	5		6	GHz
2	Input power		5		dBm
3	Peak output power	50			dBm
4	Power Gain Flatness			±0.8	dB
5	Signal type	Pulse			
6	Duty cycle			20	%
7	Pulse width			100	us
8	Small signal gain	40			dB
9	Input VSWR			2:1	
10	Max. Input power level (no damage)			10	dBm
11	Spurious signals			-60	dBc
12	Operating voltage		+48		V
13	Operating current (peak)		10		A
14	Input and output RF Impedance		50		Ω

2- Mechanical specification

Row	Parameter	Value
1	Dimension	150×100×20 mm
2	Weight	1 Kg maximum
3	RF connector input	Type-SMA, Female
4	RF connector output	Type-SMA, Female
5	Power Supply and Data	13W3
6	Cooling	External heatsink (not supply)

4- Environmental characteristics

Row	Parameter	Value
1	Operating temperature	-30~+75°C
2	Non- operating temperature	-40~+85°C

5- Protections

Row	Parameter	Value
1	Temperature	Case Temp >85° C Shut down (Threshold could be set by user)
2	Over-current	Shut down (Threshold could be set by user)
3	Over/Under Voltage	Shutdown

		(Threshold could be set by user)
4	Output VSWR	Shutdown if VSWR more than 4:1 (Threshold could be set by user)
5	Short and open of RF Output	Shutdown

6- Outline(mm)

