

Specification

1. Item

Product	433~435MHz, 80W Jamming Amplifier
Partnumber	EJM-0433-49-48

2. Revision History

Issued / Revision	R&D Approved	Revision Detail



Design	R & D	Approval
		
CYKIM		

Customer:	Date:	Part No.: EJM-0433-49-48
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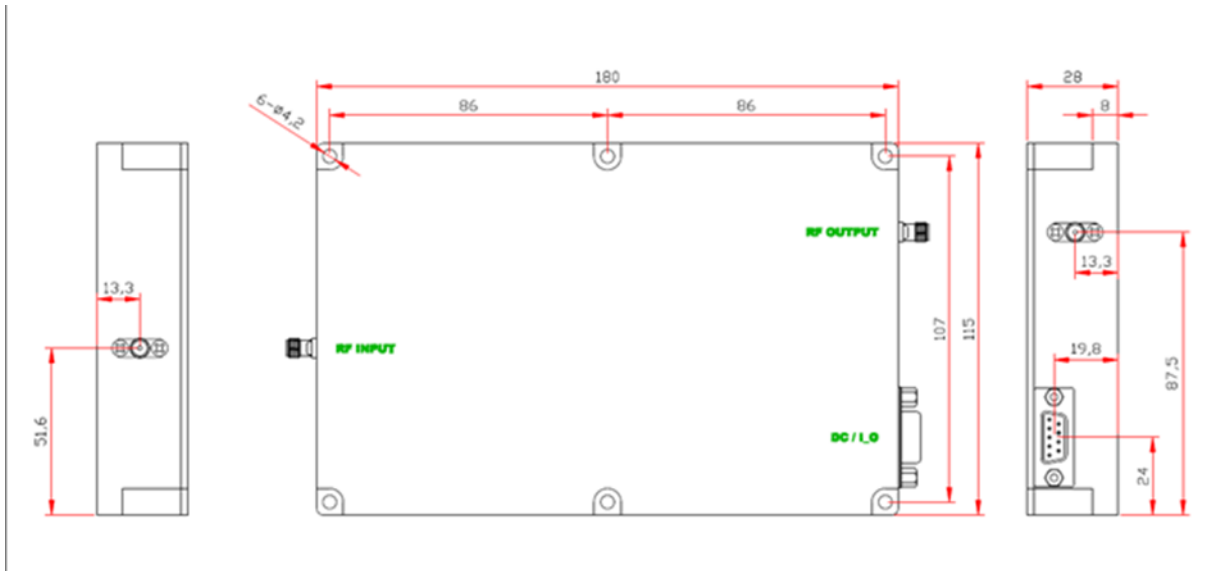
General Specification

No.	Parameter	Specification	Unit
1	Operating Frequency Range	433 ~ 435MHz	-
2	Output Power(Psat)	80W +49dBm	-
3	Gain	48dB min.	-
4	Gain Flatness	±0.5dB typ.	-
5	Carrier Modulation	CW	-
6	Input VSWR	1.5 : 1	-
7	Harmonics	45dBc typ. (40dBc min.)	-
8	Spurious	60dBc min.	-
9	Normal Operating Voltage	+50VDC	-
10	Current Consumption	4A typ.(5A max.)	-
11	Operating Temperature	-20°C ~ +70°C	-
12	Relative Humidity	0 to 90% RH (non-condensing)	-
13	Dimension	180 * 115 * 28 mm	-
14	Cooling	Convection Cooling(External Heat sink)	-
15	RF Connectors	SMA Female	-
16	DC, I/O Interface Connector	D-sub 9Pin Male	-
17	Protection	Reverse Power Shutdown : Over 43dBm	-

DC, I/O Interface Connector (D-sub 9Pin Male)

Pin No.	Description	Specifications
1	Forward Power Monitor	+2.4V @+49dBm
2	Reverse Power Monitor	+2.4V @+49dBm
3	Temperature Monitor	0.75VDC@+25°C, (10mV/°C x Temp.) + 500mV
4	RVS Over Power Alarm	Alarm On : 3.3V(High), Alarm Off : 0V
5	Shutdown	Enable : TTL "Low", Disable : LVTTTL "High" or Open (Internally Pulled-High)
6,7	VDD	+50VDC
8,9	GND	Ground

■ Mechanical Dimension [Unit: mm]



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