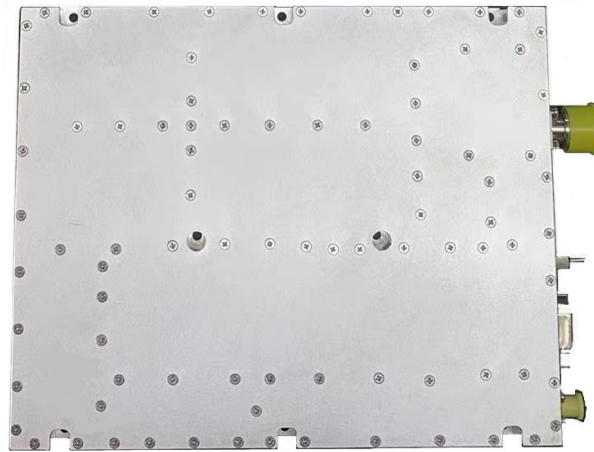




AKA150WWBPA Microwave Amplifier 150Watt Wideband (500-2500MHz) PA



No.	Item	Requirements
1	Frequency Range	500-2500MHz
2	Pout	>150W
3	Pin range	0-5dBm
4	Gain	>52dB @CW
5	Harmonics	>10dBC @ Odd Harmonics; >12dBC @ Even Harmonics
6	Spurious	>60dBC
7	IN/OUT VSWR	1.5, 50 Ohm
8	Working Current	28VDC±1V, <20A
9	RF IN Port	SMA - Female
10	RF OUT Port	N-Female
11	Size/Weight	200*158*25mm (Exclusive Connector) /1.4Kg
12	Power Supply Port	Pull-core Capacitor
13	Working Temperature	-20~+60°C
14	Protection	Over-temperature 75°C, and Over-VSWR

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I/O Port (DB15 Female)

DB15		Description	IN/Out (D/A)
PIN6	Preset	If PIN12 or PIN13 Alarm, Input an External pulse signal to reset PA or Switch On	IN, Data
PIN7	Pr	Reversed RF Power Indicator (V)	Out, Analog
PIN10	Pf	Forward RF Power Indicator (V)	Out, Analog
PIN11	EN	0V or hanging: PA on; 5V: PA off	IN, Data
PIN12	TA	Alarm(5V) over High-Temperature and PA shutdown	Out, Data
PIN13	VA	Alarm(5V) over High-VSWR and PA shutdown	Out, Data
PIN14	Tc	$0.5V + Tc * (0.01V/^{\circ}C)$	Out, Analog
PIN15	GND	GND	/
PIN1-5, PIN6,8,9		NULL	/

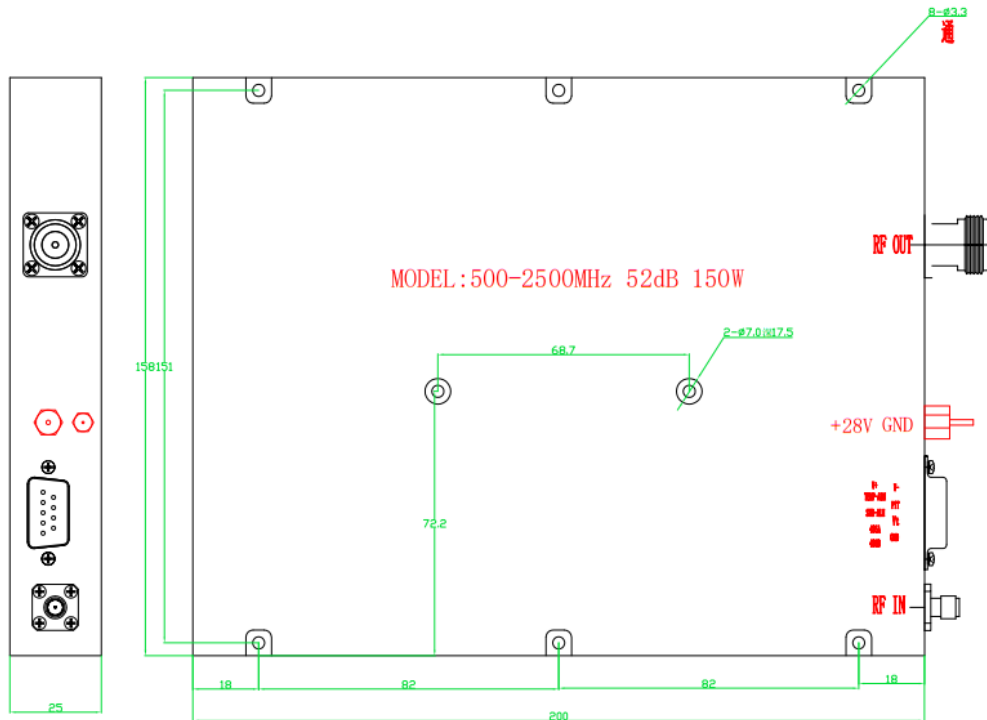
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