

Main specifications

Parameters	Min	Typical	Max	Units
Frequency	0.01	~	40	GHz
Attenuation range	0	~	93	dB
IL		12		dB
VSWR		2		
Attenuation accuracy root mean square		3		dB

Other parameters

step	1dB
Power	0.5W Design assurance
Impedance	50Ω
Connector	2.92-K detachable, Pin 0.38mm
Surface	Conductive oxidation
Working voltage	+12V
Working current	100mA
Work Temp.	-40~+70°C Design assurance
Storage Temp.	-40~+120°C Design assurance
Other	J30J connector power supply and control

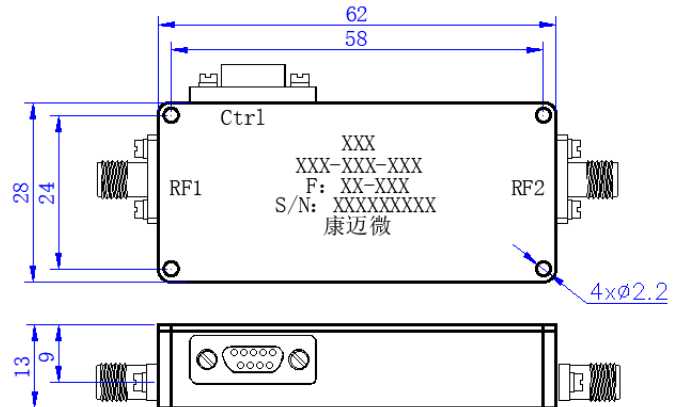
Truth table (1 : 3.3~5V ; 0: 0V)

Attenuation	A7	A6	A5	A4	A3	A2	A1
1	0	0	0	0	0	0	1
2	0	0	0	0	0	1	0
4	0	0	0	0	1	0	0
8	0	0	0	1	0	0	0
16	0	0	1	0	0	0	0
31	0	0	1	1	1	1	1
62	0	1	1	1	1	1	1
93	1	1	1	1	1	1	1

Reference picture



Configuration(mm)



J30J-9 Pin Definition

No.	1	2	3	4	5	6	7	8	9
definition	+12V	GND	A1	A2	A3	A4	A5	A6	A7

Note

1. Clean the surface of the product, do not soak the product in a cleaning solution; 2. This product belongs to electrostatic sensitive devices. Pay attention to anti-static measures during installation or storage; 3. If the overall temperature is greater than 125 °C, please consult with us before placing an order.