

Product features

Broadband, high-power.

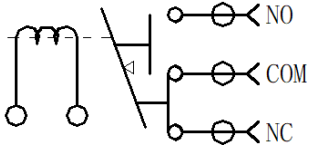
tech specifications

Parameters	Min	Typical	Max	Units
Frequency	DC	~	18	GHz
IL			0.5	dB
Isolation	60	70		dB
VSWR			1.5	

Other parameters

Switch way	SPDT, TTL Control
Switching characteristic	Mechanical reflective switch
Switch time	15ms
Connector	SMA-K
Connector material	Stainless steel
Impedance	50Ω
Power	100W@3GHz ; 70W@6GHz ; 40W@18GHz
Working voltage	+12V
Working current	240mA
Work Temp.	-40~+85°C Design assurance
Switching Lifetime	1 million Cycles

Suggested PCB Layout



TTL电平=0, COM与NC连接
TTL电平=1, COM与NO连接

Port Definition

Common port	COM
Branching port	NO, NC

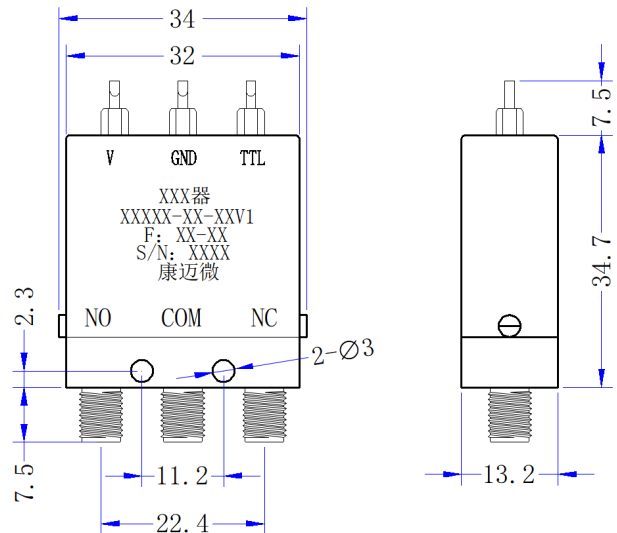
Typical test data

Frequency(GHz)	S00 VSWR	S11 VSWR	S01 IL dB	S12 ISO dB	S13 Phase (°)
0.1	1.01	1.01	-0.01	-67.55	-0.03
3.86	1.03	1.02	-0.02	-81.88	-0.08
5.79	1.03	1.02	-0.03	-80.37	-0.12
9.64	1.12	1.15	-0.07	-78.68	-0.09
11.57	1.14	1.1	-0.55	-79.13	-0.16
13.5	1.17	1.1	-0.12	-77.26	-0.1
17.36	1.18	1.48	-0.33	-74.97	-0.34
19.29	1.27	1.35	-0.46	-68.15	-0.58
23.14	1.21	1.47	-0.6	-58.11	-1.42
25.07	1.66	1.67	-0.94	-58.53	-1.35

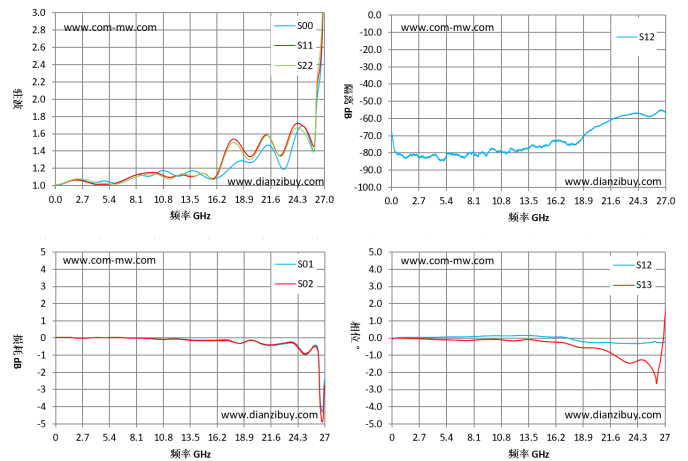
Reference picture



Configuration(mm)



Typical test curve



Note

1	Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
2	If the temperature is higher than 125°C, consult with us before ordering.