

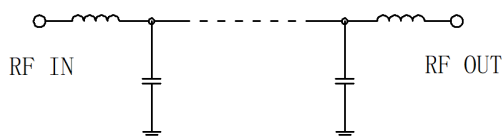
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	20.4	~	22.4	MHz
Passband IL	/	/			4.5	dB
Ripple	/	/			1	dB
Rejection	DC-17.4	MHz $\geq$	40			dBc
Rejection	25-300	MHz $\geq$	40			dBc
Passband VSWR	/	/			1.6	

Other parameters

Connector	SMD
Impedance	50 Ω
Power	1W Design assurance
Work Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance
Quality Grade	Industrial grade

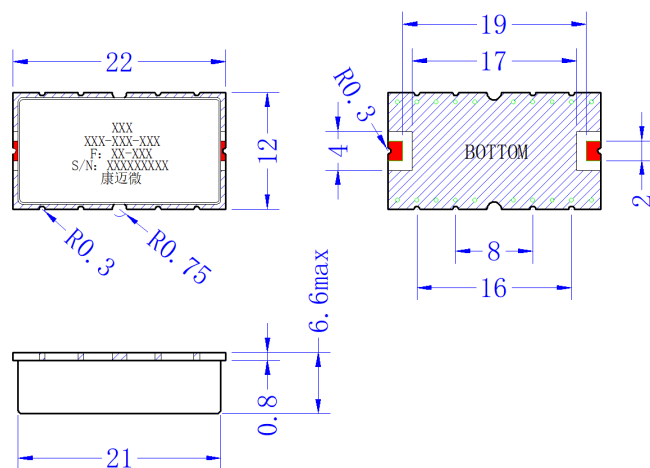
Functional diagram



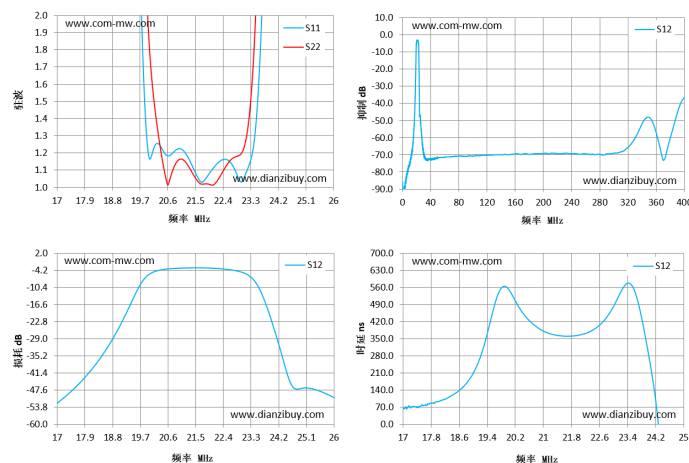
Reference picture



Configuration(mm)



Typical test curve



Note

- Please do not wash the product in the cleaning solution.,Please do not wash the product in the cleaning solution.
- The product supports 190 °C reflow soldering

Typical test data

Frequency(MHz)	S11 VSWR	S22 VSWR	S12 IL dB	S12 Delay nS
15	80.42	102.98	-64.28	12.99
16	63.62	80.43	-59.53	51.55
17	45.78	54.74	-52.4	68.19
18	28.28	33.5	-41.84	91.63
19	11.2	14.52	-25.15	206.92
20	1.17	1.84	-5.53	556.86
21	1.23	1.16	-3.34	383.01
22	1.09	1.02	-3.33	364.19
23	1.03	1.2	-4.74	478.23
24	4.21	6.36	-23.22	293.83
25	15.26	17.58	-46.94	-122.76
26	30.13	30.92	-50.28	48.18
27	45.89	45.12	-55.78	47.34
28	61.75	61.52	-60.82	41.86
29	78.02	78.64	-64.93	34.52

Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.