

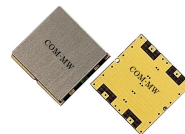
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband F1	/	/	200	~	300	MHz
Passband F2	/	/	220	~	400	MHz
Passband VSWR					1.5	
Passband IL					2.0	dB
Ripple					0.3	dB
Ripple	(任意 10)	MHz			0.1	dB
Band 1 Rejection	DC-160	MHz $\geq$	45			dBc
Band 1 Rejection	400-800	MHz $\geq$	45			dB
band 2 Rejection	DC-180	MHz $\geq$	40			dBc
band 2 Rejection	520-800	MHz $\geq$	45			dBc

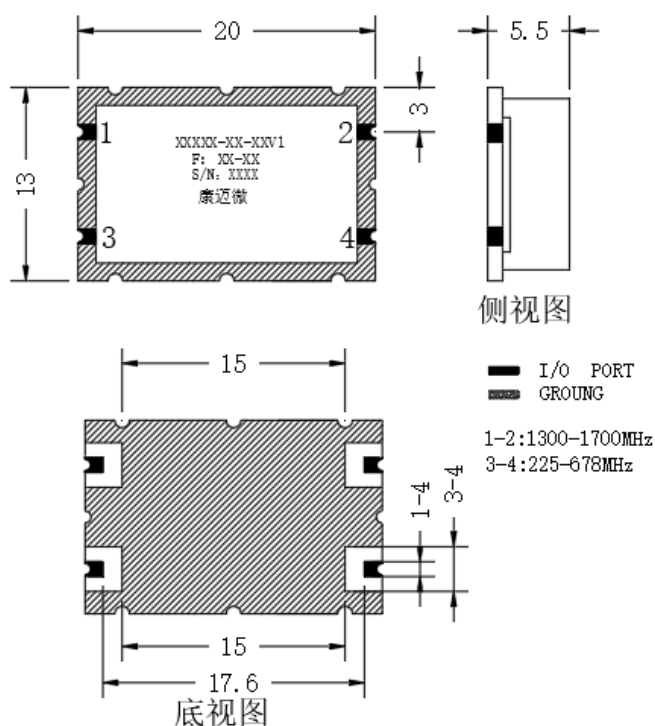
Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	2W Design assurance
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-50~+80°C Design assurance
Quality Grade	Industrial grade

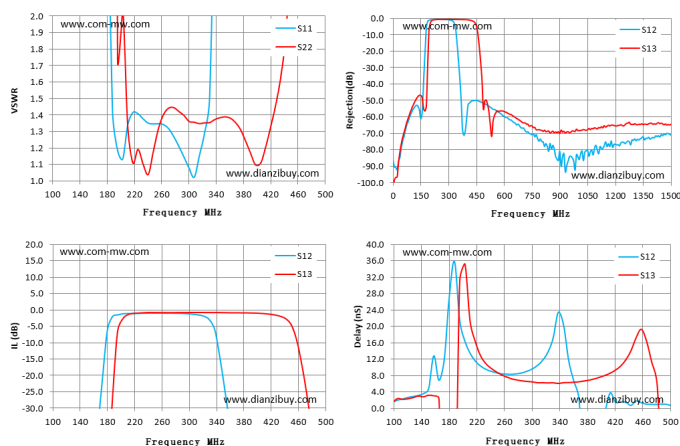
Reference picture



Configuration(mm)



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- The product supports 190 °C reflow soldering

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

Typical test data

Frequency MHz	S1 1 VS W R	S2 2 VS W R	S 1 2 IL (d B)	S 1 3 IL (d B)	S1 2 Re je cti on	S 1 3 R ej . d B	S1 2 De la y (n s)	S 13 d el ay ns
100	56 1. 69	67 0. 57	-5 8. 03	-5 5. 97	-5 8. 03	-5 5. 97	1. 67	1. 50
129	18 2. 16	21 5. 99	-5 2. 89	-4 8. 73	-5 2. 89	-4 8. 73	2. 91	2. 54
157	79 .1 9	10 9. 99	-6 1. 30	-4 7. 01	-6 1. 30	-4 7. 01	4. 73	3. 16
186	3. 54	30 .9 3	-5 .9 9	-5 3. 35	-5. 99	-5 3. 35	27 .3 9	-9. 08
214	1. 34	1. 33	-1 .0 5	-1 .4 4	-1. 05	-1 .4 4	13 .4 9	21 .2 1
243	1. 35	1. 04	-0 .9 2	-0 .7 8	-0. 92	-0 .7 8	9. 07	9. 78
271	1. 32	1. 44	-0 .9 3	-0 .8 3	-0. 93	-0 .8 3	8. 33	7. 16
300	1. 14	1. 40	-1 .0 4	-0 .7 8	-1. 04	-0 .7 8	9. 09	6. 52
329	1. 29	1. 35	-1 .9 2	-0 .7 8	-1. 92	-0 .7 8	13 .7 4	6. 17
357	15 .4 5	1. 39	-2 4. 91	-0 .8 3	-2 4. 91	-0 .8 3	11 .7 0	6. 26
386	37 .5 7	1. 25	-7 1. 20	-0 .8 9	-7 1. 20	-0 .8 9	-3 2. 86	6. 84
414	59 .0 8	1. 21	-5 1. 72	-1 .1 6	-5 1. 72	-1 .1 6	3. 79	8. 54
443	84 .4 6	1. 92	-4 9. 99	-2 .8 4	-4 9. 99	-2 .8 4	0. 74	14 .0 2

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

COM-MW TECHNOLOGY

200~300MHz, 220~400MHz, ~MHz, ~MHz, ~MHz, SMD

Frequency MHz	S1 1 VS W R	S2 2 VS W R	S 1 2 IL (d B)	S 1 3 IL (d B)	S1 2 Re je cti on	S 1 3 R ej . d B	S1 2 De la y (n s)	S 13 d el ay ns
471	10 2. 22	8. 09	-5 0. 64	-1 6. 71	-5 0. 64	-1 6. 71	1. 03	16 .3 9
500	13 4. 96	30 .6 4	-5 2. 14	-5 0. 38	-5 2. 14	-5 0. 38	0. 97	-2 8. 95

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