

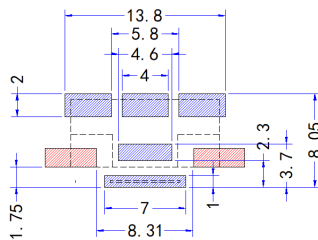
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	2836	~	2876	MHz
Passband IL	/	/			2.5	dB
Ripple	/	/			1	dB
Rejection	DC-2756	MHz ≥	40			dB
Rejection	2956	MHz ≥	40			dB
Passband VSWR	/	/			1.5	

Other parameters

Connector	SMD
Impedance	50Ω
Power Capacity	5W Design assurance
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

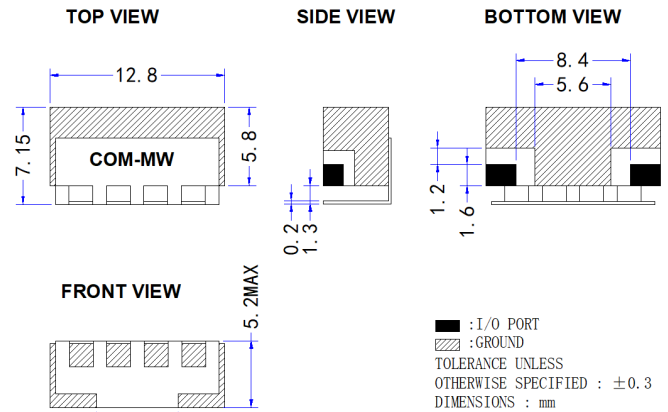
Suggested PCB Layout



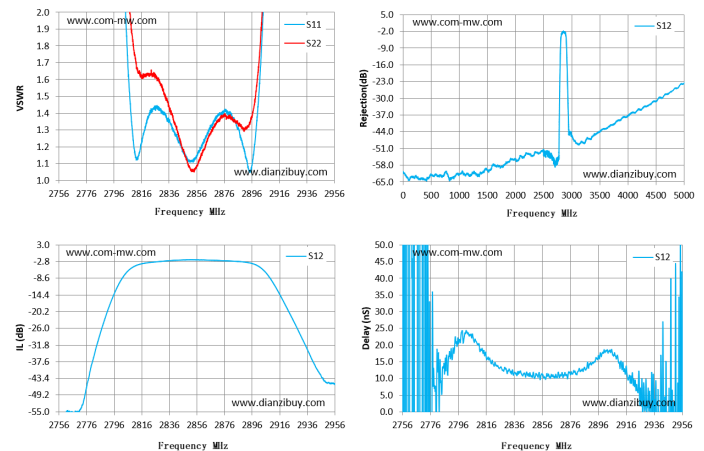
Reference picture



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

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Delay (ns)
2756	25.05	25.35	-55.8	-122.74
2770	19.12	13.41	-54.92	810.19
2785	10.29	5.3	-29.23	13.52
2799	3.53	2.82	-10.94	23.47
2813	1.12	1.67	-3.97	18.95
2827	1.43	1.62	-2.87	12.89
2842	1.24	1.3	-2.32	10.84
2856	1.14	1.08	-2.21	11.24
2870	1.37	1.33	-2.39	11.61
2885	1.33	1.35	-2.73	12.19
2899	1.29	1.53	-4	17.64
2913	4.82	4.59	-11.62	12.61
2927	12.63	10.85	-24.37	7.28
2942	25.05	16.51	-39.34	12.83
2956	39.53	21.1	-45.45	22.56

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