

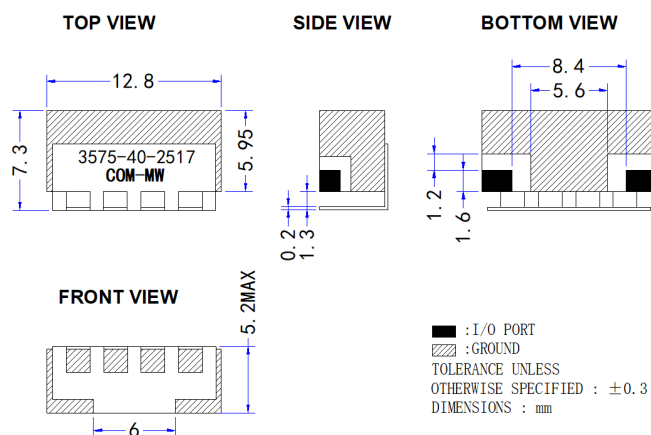
Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	3555	~	3595	MHz
Passband IL	/	/			3	dB
Ripple	/	/			1	dB
Rejection	DC-3475	MHz $\geq$	40			dB
Rejection	3675-4300	MHz $\geq$	40			dB
Passband VSWR	/	/			1.5	
Return loss	/	/				dB

Reference picture



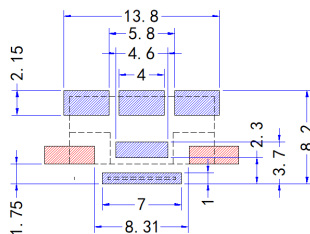
Configuration(mm)



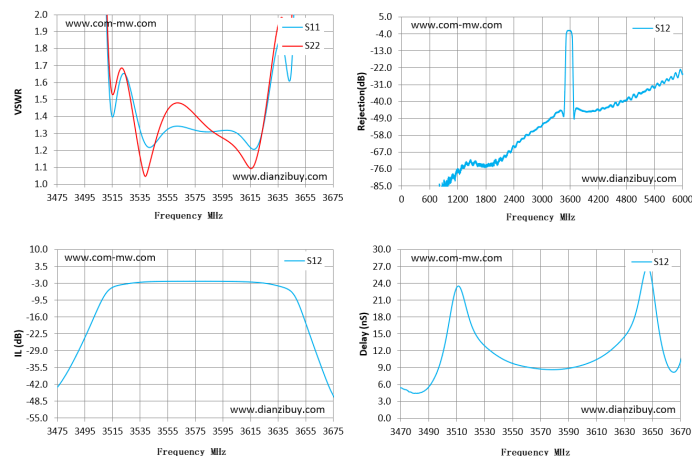
Other parameters

Connector	SMD
Impedance	50 Ω
Power Capacity	3W Design assurance
Operation Temp.	-40~+85°C Design assurance
Quality Grade	Industrial grade

Suggested PCB Layout



Typical test curve



Note

- Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- The product supports 220 °C reflow soldering.

Typical test data

Frequency MHz	S11 VSWR	S22 VSWR	S12 IL (dB)	S12 Delay (ns)
3475	22.95	45.72	-43.35	4.96
3489	14.45	21.43	-31.09	5.14
3504	5.4	6.08	-13.76	15.48
3518	1.49	1.6	-3.98	18.77
3532	1.44	1.33	-2.76	12.51
3546	1.24	1.23	-2.3	10.21
3561	1.34	1.48	-2.21	9.09
3575	1.32	1.41	-2.21	8.66
3589	1.31	1.31	-2.21	8.82
3604	1.31	1.22	-2.29	9.76
3618	1.21	1.11	-2.56	11.57
3632	1.7	1.77	-3.58	15.14
3646	1.78	2.06	-6.83	26.83
3661	12.78	11.42	-26.88	9.5
3675	29	20.9	-45.76	14.36

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