

Main specifications

Parameters	Min	Typical	Max	Units
RF Frequency	600	~	2700	MHz
LO Frequency	600	~	2700	MHz
IF Frequency	10	~	1000	MHz
IL			8.9	dB
LO-RF ISO	28			dB
LO-IF ISO	17			dB

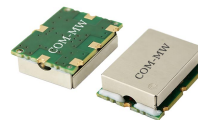
Other parameters

LO power	+17dBm设计保证
1 dB COMP.	+17dBm@Typ.
IP3	26dBm@Typ.
IP2	44dBm@Typ.
Impedance	50Ω
Connector	SMD
Operation Temp.	-45~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Other	Replace HJK-272H+

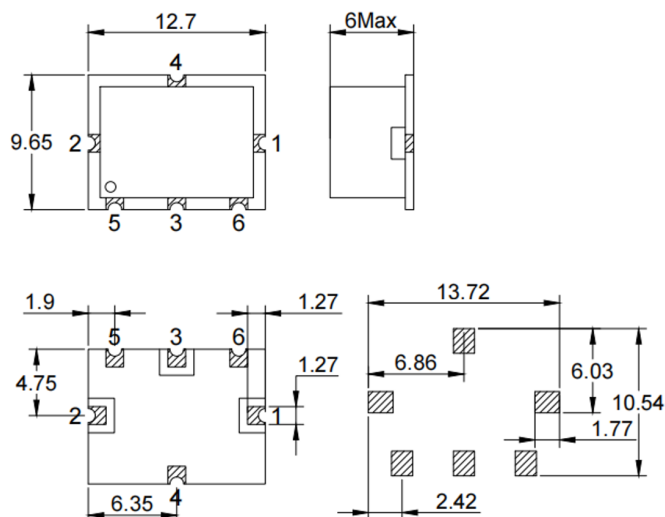
Port Definition

Pin number	1	2	3	other
Pin Definition	RF	LO	IF	GND

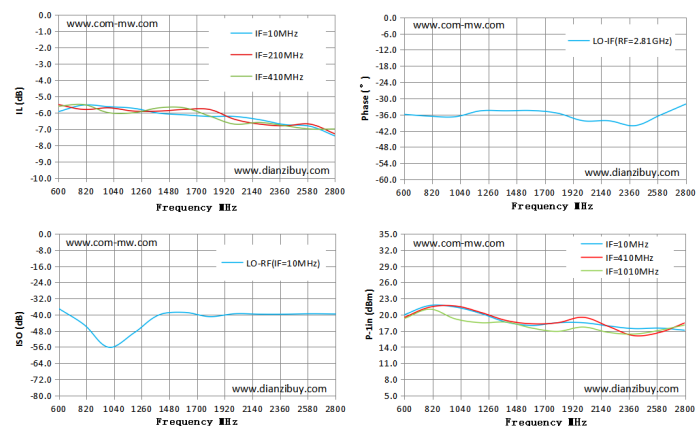
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency MHz	IF=10 MHz z ILdB	IF=210 MHz z ILdB	LO-RF(I F=10MHz) z) ISOdB	LO-IF(R F=2.81GHz) z) ISOdB	IF=10MHz z P-1IN dBm	IF=1010 MHz P-1IN dBm
600	-5.93	-5.5	-37	-35.9	20	19.3
800	-5.53	-5.8	-44.9	-36.6	21.7	21
1000	-5.63	-5.7	-56.2	-36.8	21.4	19.2
1200	-5.73	-5.9	-49	-34.6	20.2	18.5
1400	-6.03	-5.9	-40.1	-34.6	18.6	18.6
1600	-6.13	-5.8	-38.9	-34.5	18	17.5
1800	-6.23	-5.8	-41	-35.5	18.5	16.9
2000	-6.23	-6.4	-39.6	-38.3	18.5	17.7
2200	-6.43	-6.7	-39.8	-38.3	17.9	16.7
2400	-6.73	-6.8	-39.8	-40.1	17.4	16.4
2600	-6.83	-6.7	-39.6	-36.2	17.5	17.1
2800	-7.43	-7.3	-39.7	-32.1	17.1	18.1

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