

Main specifications

Parameters	Min	Typical	Max	Units
RF Frequency	5	~	4200	MHz
LO Frequency	5	~	4200	MHz
IF Frequency	5	~	3500	MHz
IL			11.8	dB
LO-RF ISO		28		dB
LO-IF ISO		17		dB
RF-IF ISO		18		dB

Other parameters

Power Capacity	0.2W Design assurance
LO input power	+13dBm
Connector	SMD
Operation Temp.	-40~+85°C Design assurance
Storage Temp.	-55~+100°C Design assurance
Quality Grade	Industrial grade
ROHS	Compliant Available

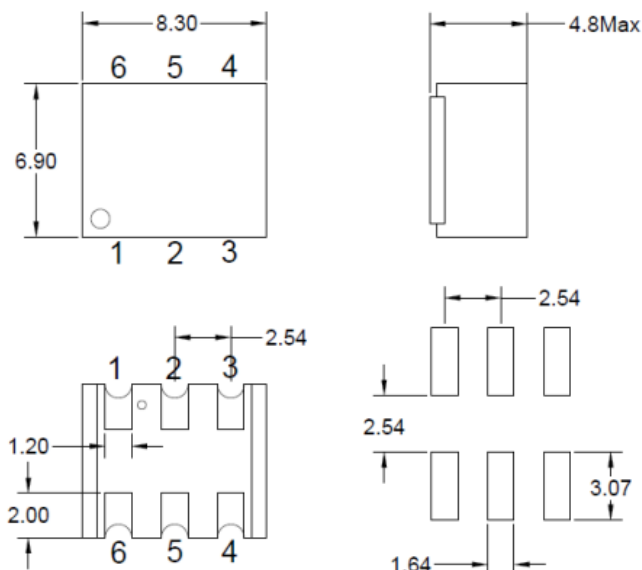
Pin Definition

Pin number	2	3	6	other
Pin Definition	IF	RF	LO	GND

Reference picture

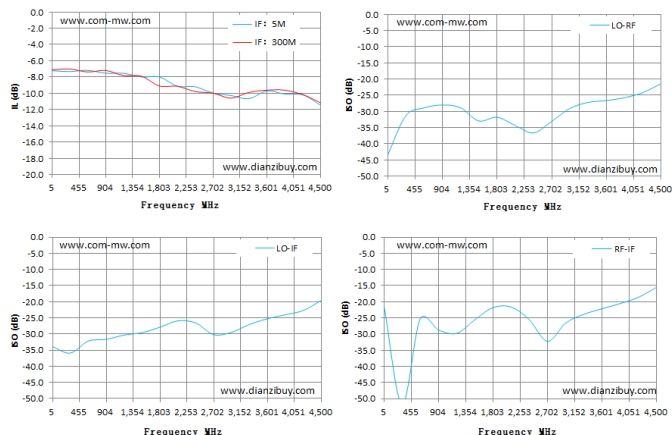


Configuration(mm)



Units:mm
Tolerance:±0.3

Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.

Typical test data

Frequency MHz	IF: 5M 损 耗dB	IF: 300M 损耗dB	LO- IF ISO dB	LO- RF ISO dB	RF- IF ISO dB
5.00	-7.22	-7.12	-33.9 1	-43.5 3	-21.6 1
300.00	-7.32	-7.01	-35.9 0	-31.4 5	-51.7 6
600.00	-7.18	-7.38	-32.2 0	-28.9 4	-25.2 8
900.00	-7.53	-7.19	-31.6 6	-28.0 5	-28.7 1
1200.00	-7.54	-7.82	-30.3 3	-28.8 5	-29.7 8
1500.00	-7.99	-7.90	-29.5 8	-32.9 6	-25.6 0
1800.00	-8.00	-9.10	-27.9 0	-31.8 2	-21.8 3
2100.00	-9.11	-9.14	-25.9 1	-34.3 5	-21.6 1
2400.00	-9.20	-9.78	-26.5 7	-36.6 8	-25.5 5
2700.00	-9.97	-9.99	-30.2 0	-33.1 0	-32.2 5
3000.00	-10.27	-10.59	-29.4 6	-29.0 8	-26.5 8
3300.00	-10.66	-9.89	-27.0 2	-27.2 2	-23.8 9
3600.00	-9.71	-9.61	-25.2 7	-26.6 8	-22.1 6
3900.00	-10.09	-9.62	-24.0 3	-25.7 8	-20.5 4
4200.00	-10.19	-10.15	-22.7 0	-24.1 9	-18.6 3
4500.00	-11.46	-11.18	-19.6 2	-21.4 0	-15.5 2

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