

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	110	~	520	MHz
IL			1.0	dB
Delay amount		200±15		ps
VSWR			1.5	

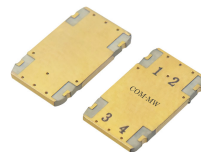
Environmental

Connector	SMD
Impedance	50Ω
Surface	Gold-plating
Operation Temp.	-40~+70°C Design assurance
Storage Temp.	-55~+85°C Design assurance

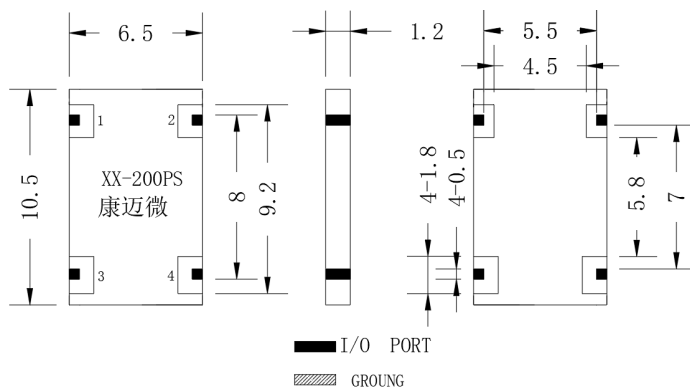
Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S12 Delay	S13 Delay ps	S22 VSWR
150	1.01	-0.04	38.52	224.94	1
270	1.01	-0.03	38.59	224.19	1
420	1.01	-0.05	38.13	224.1	1.01
520	1.02	-0.06	39.26	224.13	1.02
700	1.05	-0.07	38.03	222.34	1.01
900	1.06	-0.08	38.51	222.89	1.03
1050	1.06	-0.11	38.18	222.15	1.03
1200	1.07	-0.12	38.71	222.42	1.04
1300	1.08	-0.12	38.71	222.79	1.05
1410	1.09	-0.15	37.88	223.19	1.06
1550	1.1	-0.16	38.72	222.81	1.06
1650	1.11	-0.17	39.02	223.6	1.08
1800	1.11	-0.18	37.5	222	1.09
1900	1.12	-0.21	38.84	222.79	1.07
2000	1.13	-0.22	39.47	222.97	1.12

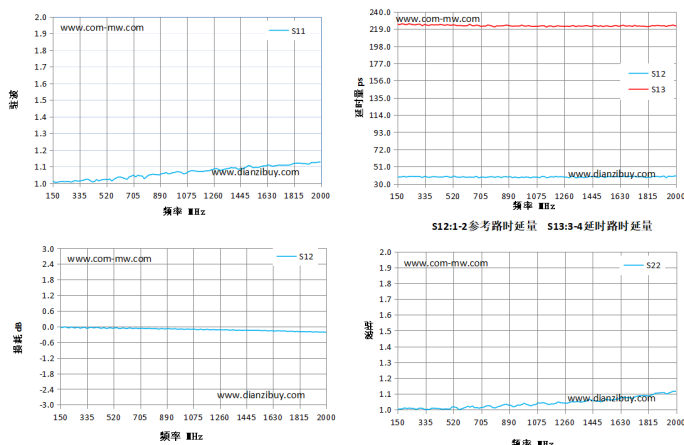
Reference picture



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 220 °C reflow soldering.