

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	110	~	520	MHz
IL			1.5	dB
Delay amount		1000±50		ps
VSWR			1.5	

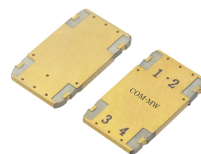
Environmental

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

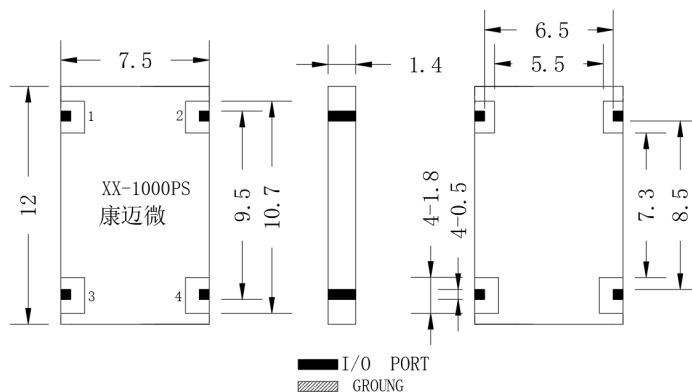
Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S12 Delay	S22 VSWR
100	1.05	-0.21	993	1.06
208	1.04	-0.32	999.98	1.07
343	1.03	-0.44	983.28	1.06
478	1.09	-0.55	994.77	1.05
586	1.11	-0.62	974.24	1.04
694	1.12	-0.71	979.06	1.09
829	1.17	-0.79	980.57	1.18
937	1.19	-0.86	965.25	1.2
1072	1.15	-0.94	1003.81	1.13
1234	1.07	-0.99	994.22	1.09
1369	1.1	-1.08	978.14	1.1
1531	1.03	-1.15	1008.57	1.05
1693	1.14	-1.26	998.51	1.15
1882	1.13	-1.36	986.85	1.14
2000	1.04	-1.41	962.57	1.08

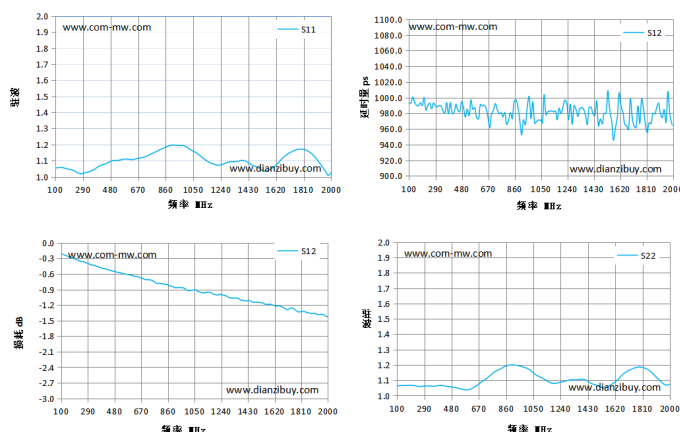
Reference picture



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 190 °C reflow soldering