

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	110	~	520	MHz
IL			1.2	dB
Delay amount		400±20		ps
VSWR			1.5	

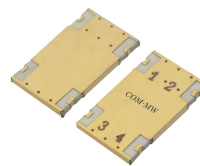
Environmental

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

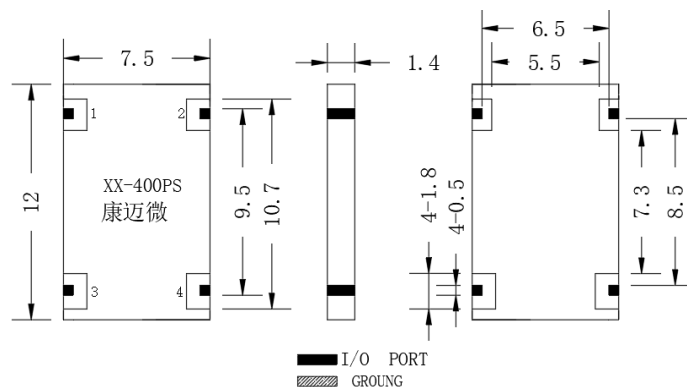
Typical test data

Frequency(MHz)	S11 VSWR	S12 IL dB	S12 Delay	S22 VSWR
100	1.05	-0.11	390.68	1.04
154	1.06	-0.14	400	1.05
208	1.06	-0.17	391.84	1.06
262	1.06	-0.19	388.28	1.05
316	1.06	-0.22	395.38	1.05
370	1.06	-0.24	395.09	1.04
424	1.05	-0.27	388.75	1.03
478	1.05	-0.28	392.34	1.03
532	1.04	-0.31	385.37	1.03
586	1.04	-0.32	386.2	1.04
667	1.06	-0.36	389.42	1.06
775	1.1	-0.41	391.68	1.1
856	1.13	-0.42	400.92	1.13
937	1.16	-0.45	384.13	1.15
1000	1.8	-0.5	396.97	1.16

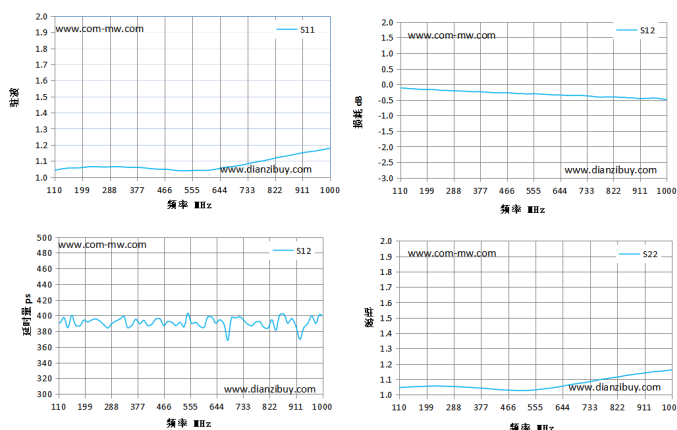
Reference picture



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 190 °C reflow soldering