

Main specifications

Parameters	Frequency	/	Min	Typical	Max	Units
Passband	/	/	7160	~	7420	MHz
Passband IL	/	/			3.0	dB
Ripple	/				1.0	dB
Rejection	DC-6.2	GHz $\geq$	80			dBc
Rejection	6.8	GHz $\geq$	52			dBc
Rejection	7.8-15	GHz $\geq$	65			dBc
Passband VSWR	/	/			1.50	

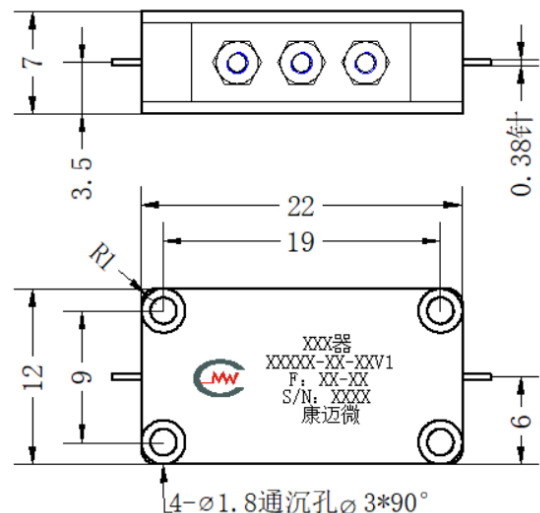
Other parameters

Connector	Pin 0.38mm
Impedance	50 Ω
Surface	silver-plate
Power Capacity	10W Design assurance
Product shell material	Copper
Operation Temp.	-55~+85°C Design assurance
Storage Temp.	-55~+85°C Design assurance

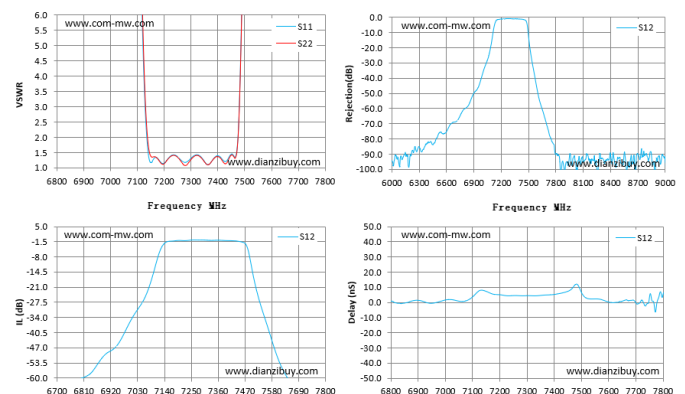
Reference picture



Configuration(mm)



Typical test curve



Note

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

Typical test data

Frequency MHz	S11 VSW R	S22 VSW R	S12 IL (dB)	S12 Delay (ns)
6800.00	356.7 9	327.2 6	-60.1 5	0.77
6871.00	1365. 26	253.9 7	-53.7 6	0.34
6943.00	149.8 1	149.2 3	-46.4 6	-0.68
7014.00	149.2 9	94.30	-33.6 1	1.78
7086.00	24.16	27.75	-18.0 5	1.77
7157.00	1.17	1.34	-1.51	6.83
7229.00	1.37	1.35	-1.19	4.32
7300.00	1.28	1.22	-0.92	4.32
7371.00	1.10	1.09	-1.02	4.77
7443.00	1.32	1.25	-1.44	6.70
7514.00	18.22	16.37	-19.1 4	3.77
7586.00	61.64	45.43	-45.3 9	1.08
7657.00	114.9 2	79.05	-61.6 4	0.96
7729.00	164.2 0	90.55	-77.9 2	-0.30
7800.00	171.8 1	130.8 2	-90.4 7	3.09

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