

Product features

High rectangular coefficient, low loss, high power

Main specifications

Parameters	/	Min	Typical	Max	Units
Stopband F		432.9	~	434.9	MHz
Stopband Rej.	$\geq$	50			dB
Passband		DC	~	402.9	MHz
Passband		464.9	~	1000	MHz
Passband IL				2	dB
Passband VSWR				1.8	

Other parameters

Connector	SMA-K
Connector material	Shell copper nickel plating
Impedance	50 Ω
Surface	silver-plate
Power Capacity	10W Design assurance
Operation Temp.	-10~+50°C Design assurance

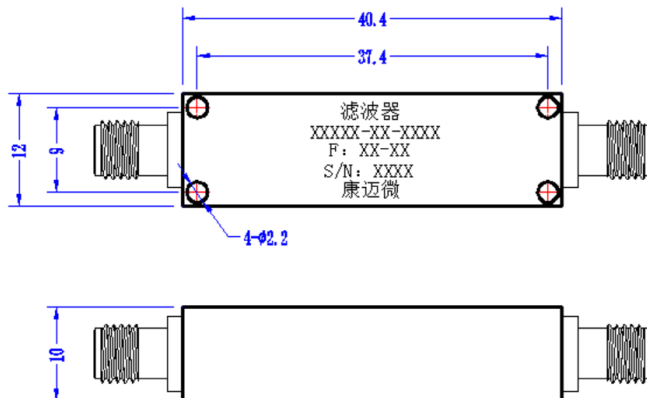
Functional diagram



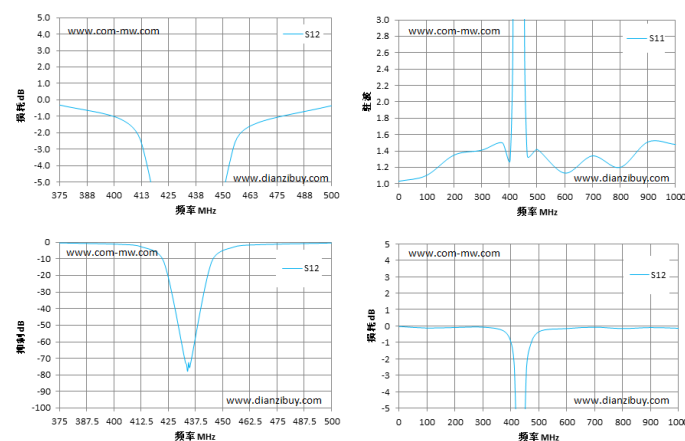
Reference picture



Configuration(mm)



Typical test curve



Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- 2 If the temperature is higher than 125°C, consult with us before ordering.

Typical test data

Frequency(MHz)	S12 IL dB	S11 VSWR
375	-0.31	1.5
402.9	-1.16	1.29
412.9	-2.75	2.78
422.9	-11.46	15.45
432.9	-72.48	35.39
433.4	-73.51	35.9
433.9	-77.85	37.31
434.4	-72.43	31.48
434.9	-75.41	31.52
444.9	-11.84	16.33
454.9	-2.88	2.76
464.9	-1.45	1.34
500	-0.35	1.42

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