

## Main specifications

| Parameters    | Frequency | /          | Min | Typical | Max | Units |
|---------------|-----------|------------|-----|---------|-----|-------|
| Passband      | /         | /          | 40  | ~       | 60  | MHz   |
| Passband IL   | /         | /          |     |         | 2   | dB    |
| Ripple        | /         | /          |     |         | 1   | dB    |
| Rejection     | DC-20     | MHz $\geq$ | 45  |         |     | dBc   |
| Rejection     | 80-200    | MHz $\geq$ | 45  |         |     | dBc   |
| Passband VSWR | /         | /          |     |         | 1.5 |       |

## Other parameters

|                |                            |
|----------------|----------------------------|
| Connector      | SMA-K                      |
| Impedance      | 50 $\Omega$                |
| Surface        | silver-plate               |
| Power Capacity | 1W Design assurance        |
| Operation Temp | -40~+70°C Design assurance |
| Storage Temp.  | -55~+85°C Design assurance |
| Quality Grade  | Industrial grade           |

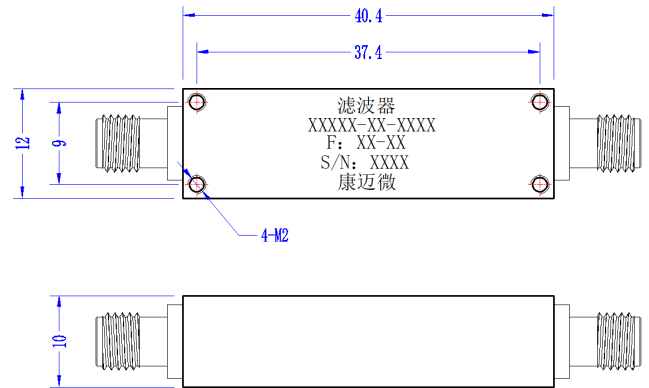
## Functional diagram



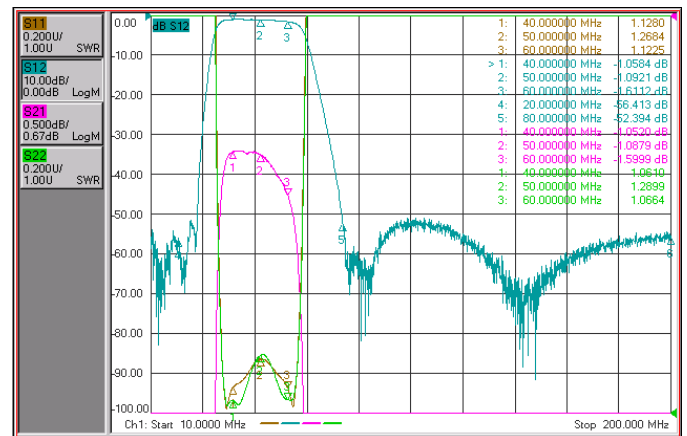
## Reference picture



## 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.                    |