

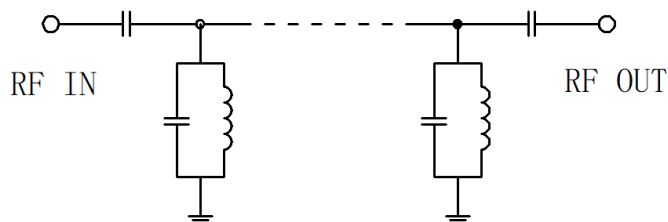
## Main specifications

| Parameters    | Frequency | /          | Min  | Typical | Max  | Units |
|---------------|-----------|------------|------|---------|------|-------|
| Passband      | /         | /          | 18.3 | ~       | 19.3 | MHz   |
| Passband IL   | /         | /          |      |         | 8.0  | dB    |
| Ripple        | /         | /          |      |         | 2.0  | dB    |
| Rejection     | DC-16.8   | MHz $\geq$ | 26   |         |      | dBc   |
| Rejection     | 23-150    | MHz $\geq$ | 26   |         |      | dBc   |
| Passband VSWR | /         | /          |      |         | 1.5  |       |

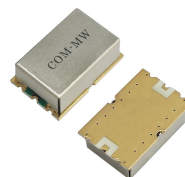
## Other parameters

|                 |                            |
|-----------------|----------------------------|
| Connector       | SMD                        |
| Impedance       | 50 $\Omega$                |
| Power Capacity  | 0.5W Design assurance      |
| Operation Temp. | -40~+70°C                  |
| Storage Temp.   | -55~+85°C Design assurance |

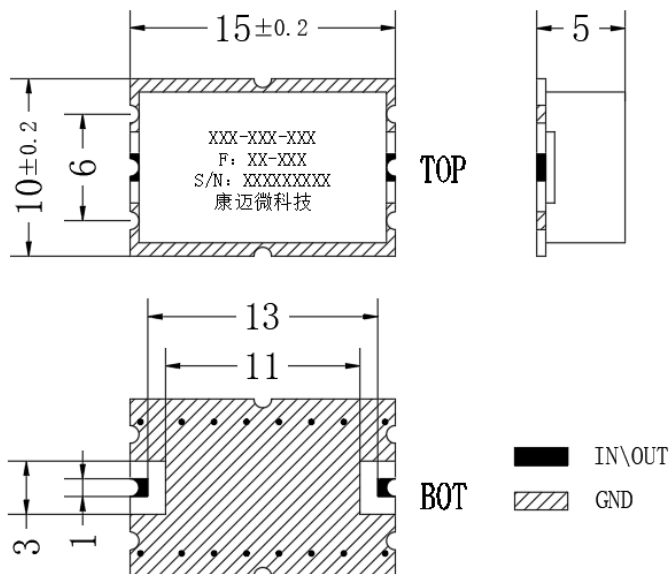
## Functional diagram



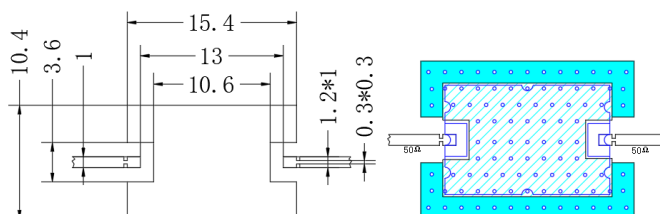
## Reference picture



## Configuration(mm)



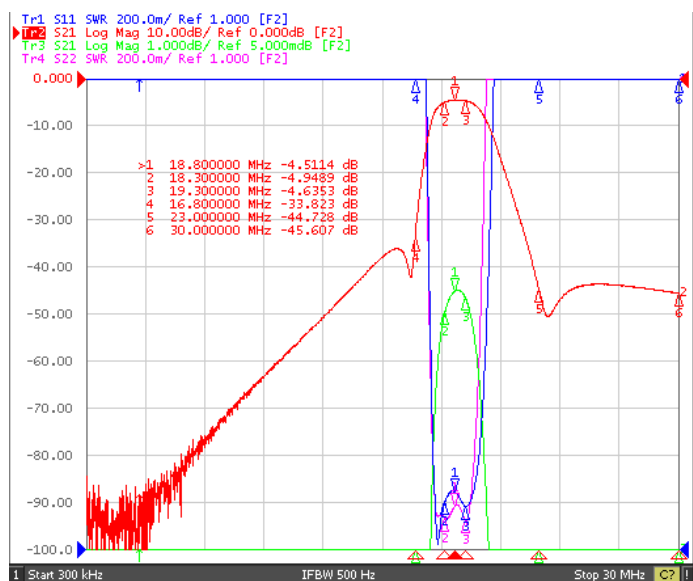
## Suggested PCB Layout



## Note

- 1 Clean the surface of the product, do not soak the product in cleaning solution for cleaning.
- 2 Supports reflow soldering at 245 °C.
- 3 The width of the 50 ohm microstrip line connecting the surface-mount devices should be as close to, equal to, or greater than the width of the filter port solder pad.

## Typical test curve



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