

## Main specifications

| Parameters       | Frequency | /   | Min  | Typical | Max  | Units |
|------------------|-----------|-----|------|---------|------|-------|
| Passband F1      | /         | /   | DC   | ~       | 8.07 | GHz   |
| Passband F2      | /         | /   | 8.93 | ~       | 30   | GHz   |
| band 1 IL        | /         | /   |      |         | 1.5  | dB    |
| band 2 IL        | /         | /   |      |         | 1.5  | dB    |
| Passband VSWR    | /         | /   |      |         | 2    |       |
| Band 1 Rejection | 9.77-30   | GHz | 60   |         |      | dB    |
| band 2 Rejection | DC-6.8    | GHz | 60   |         |      | dB    |

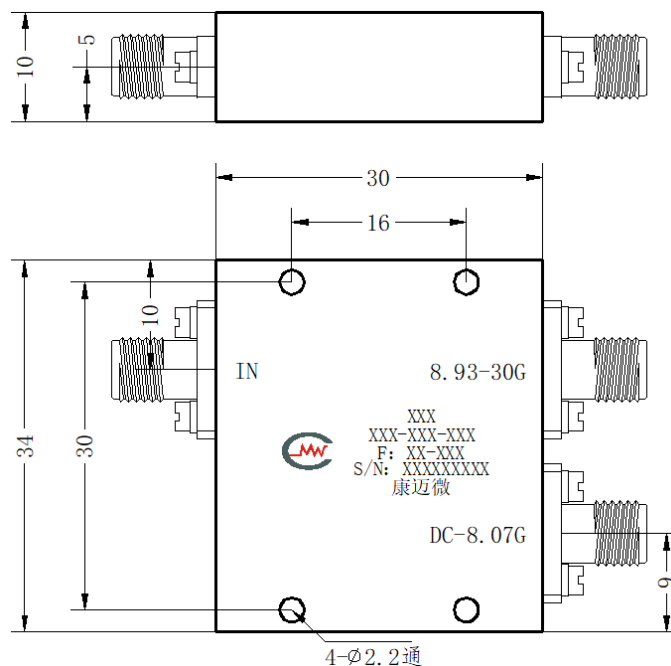
## Other parameters

|                        |                                                                    |
|------------------------|--------------------------------------------------------------------|
| Connector              | 2.92-F Detachable, Pin 0.38mm                                      |
| Connector material     | Stainless steel                                                    |
| Impedance              | 50Ω                                                                |
| Surface                | silver-plate                                                       |
| Power Capacity         | 15W Design assurance                                               |
| Product shell material | Aluminium                                                          |
| Operation Temp.        | -40~+70°C Design assurance                                         |
| Other                  | Intersection frequency 8.5G ± 2% Intersection insertion loss ≤ 6dB |

## Reference picture



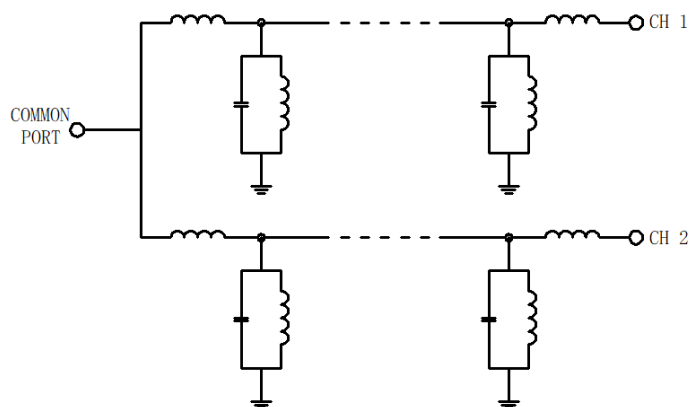
## Configuration(mm)



## Note

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

## Functional diagram



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

## Port Definition

|   |             |     |
|---|-------------|-----|
| 1 | Common port | --- |
| 2 | Passband 1  | --- |
| 3 | Passband 2  | --- |
| 4 | GND Port    | --- |

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