

## Zero Bias Detector Module

### Product Features

- Frequency: 50GHz~75GHz
- Sensitivity: 4500 V/W
- Input Return Loss: -10dB
- Zero Bias Detector



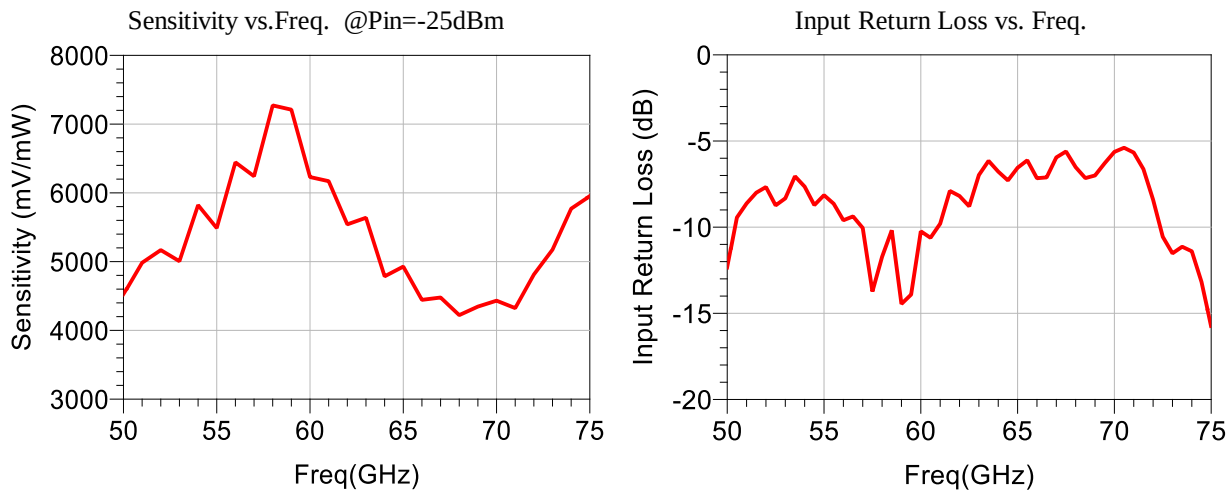
### Electrical Specs:

| Parameter                 | Minimum | Typical  | Maximum |
|---------------------------|---------|----------|---------|
| Frequency Range           | 50 GHz  |          | 75GHz   |
| Sensitivity               |         | 4500 V/W |         |
| Input Return Loss         |         | -10dB    |         |
| Input dynamic range       |         |          | -20dBm  |
| Input Power               |         |          | 10dBm   |
| Specification Temperature | 10 °C   | +25 °C   | 40 °C   |
| Operating Temperature     | 0 °C    |          | +50 °C  |

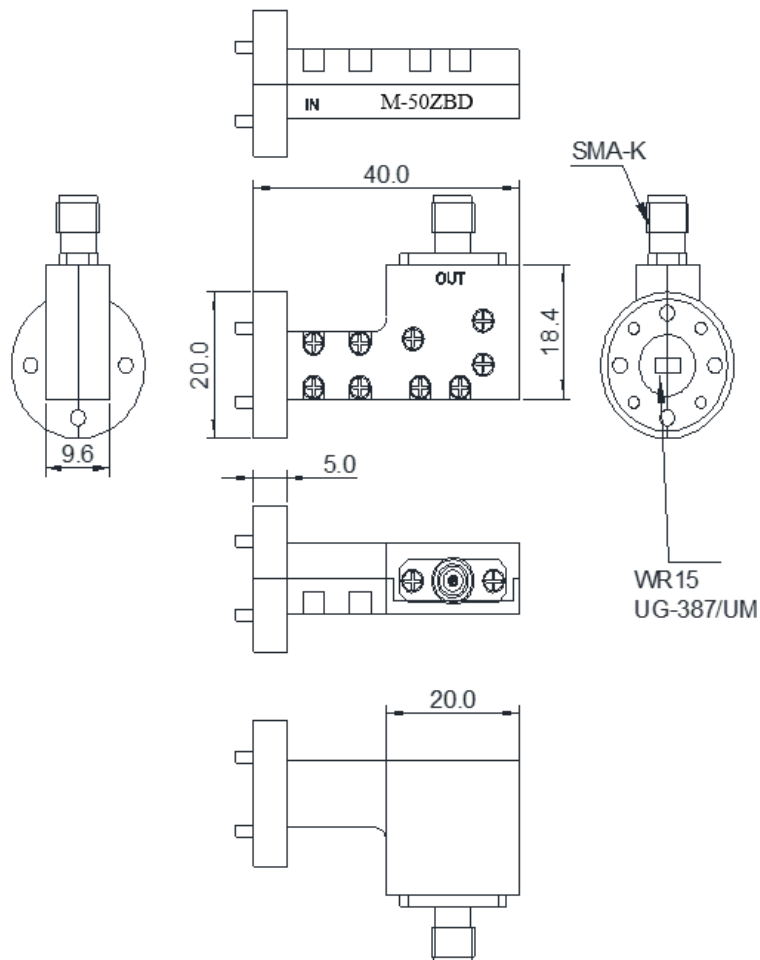
### Mechanical Specs:

| Item          | Specification                            |
|---------------|------------------------------------------|
| Input         | WR-15 Waveguide with W/UG-387/U-M Flange |
| Output        | SMA-K                                    |
| Case Material | Brass                                    |
| Finish        | Gold Plated                              |
| Weight        | 0.15kg                                   |
| Size (W×L×H)  | 40mm×18.4mm×9.6mm                        |

## Measured Performance:



## Mechanical Outline:



### Notes:

1. Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
2. This data is the typical performance for the reference.