

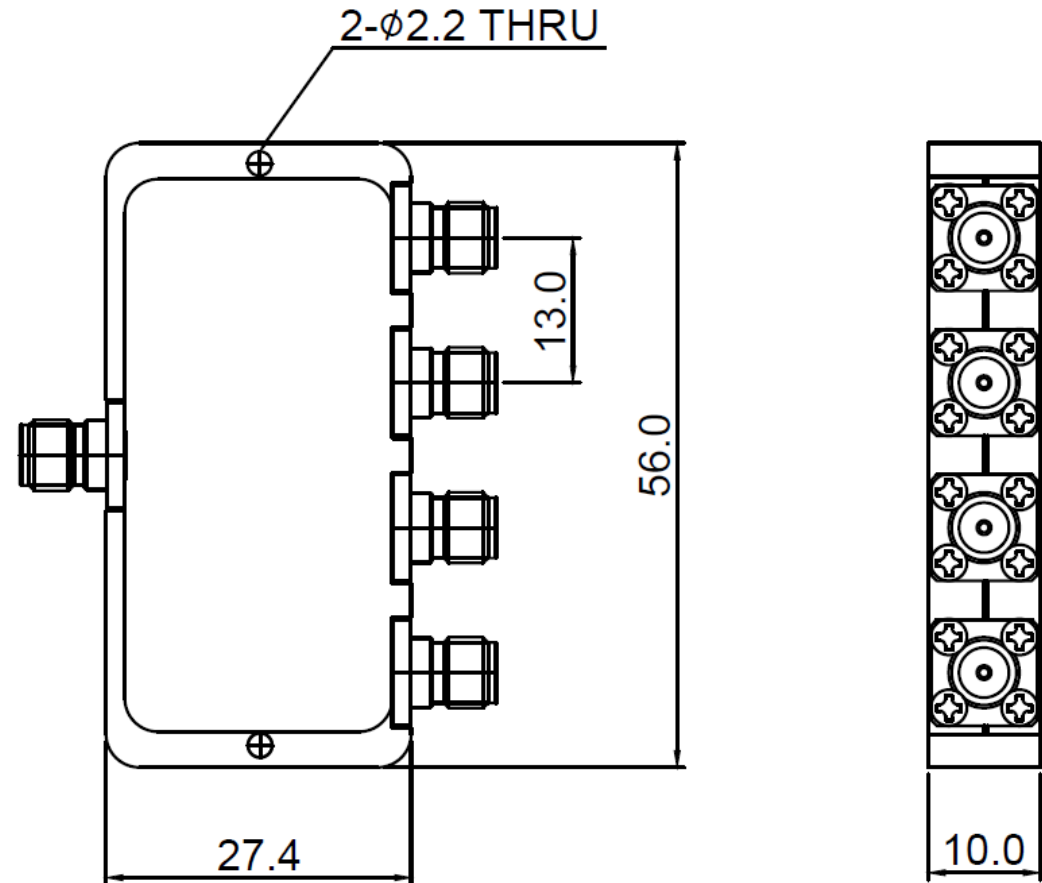
## Reference Drawing

### Electrical Specification

- Frequency Range : 25~40GHz
- Nominal Impedance : 50Ω
- VSWR(Input) : 1.90:1/Max
- Insertion Loss : 2.1dB/Max
- Isolation : 15dB/Min
- Phase Unbalance :  $\pm 10^\circ$
- Amplitude Unbalance :  $\pm 0.8\text{dB}$
- Input Power : 10Watt (Average)

### Mechanical Specification

- Body : Aluminum / Chromate
- Connector : 2.92mm Female Stainless Steel / Passivated
- Pin : Beryllium Copper / Gold Plating
- Insulator : PEEK
- Operating Temperature :  $-45^\circ\text{C} \sim 85^\circ\text{C}$



|   |   |
|---|---|
| R o H S Compliant $\text{Cd} \leq 75\text{ppm}$ |   |
| REMARKS   | BRASS: $\text{Cd} \leq 75\text{ppm}$ PHOSPHOR<br>BRONZE: $\text{Pb} < 4\text{wt}\%$ |

|                    |   |                     |
|--------------------|---|---------------------|
| SCALE<br>NONE      |                | PART NUMBER         |
| UNIT<br>mm         |   | PD-K2924W-25-40G10W |
| DATE<br>2025/07/25 | PROJECTION<br> | TO-CONNE CO.,LTD    |