

4 Port Dual Junction Drop in Circulator 4.0 ~ 7.0GHz

Application

- ▶ RF power amplifier protection.
- ▶ Digital, Satellite, Mobile Communication.
- ▶ Medical, Communication, Security.
- ▶ Military, Space and Commercial applications.

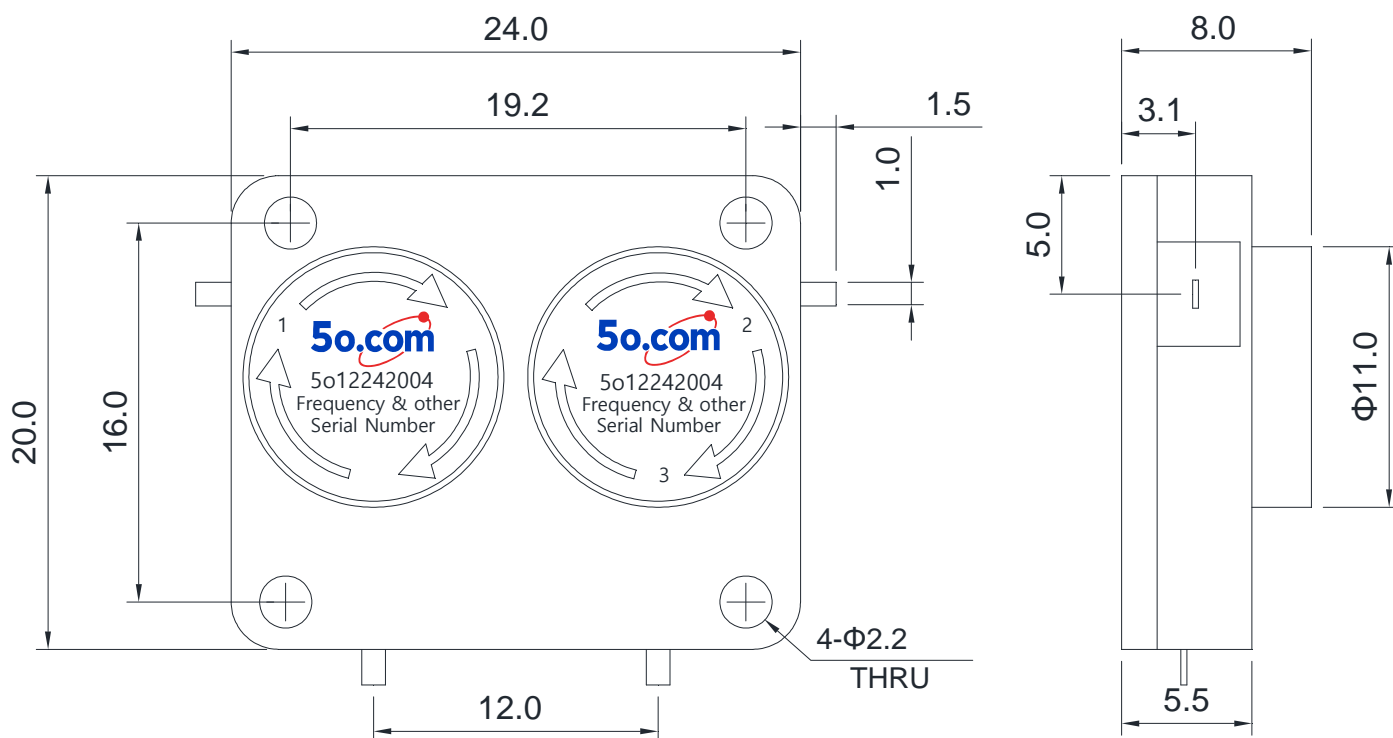
RF Characteristics

| Part Number | Frequency Range (GHz) | Isolation (2-1 & 4-3) Min(dB) | VSWR Max | Insertion Loss (1-2 & 3-4) Max(dB) | Connector Type | Temp.(°C) |
|------------------|-----------------------|-------------------------------|----------|------------------------------------|----------------|-----------|
| 5o12242004455 | 4.5 ~ 5.0 | 40 | 1.25 | 0.8 | TAB | -40 ~ +85 |
| 5o122420044752 | 4.7 ~ 5.2 | 40 | 1.25 | 0.8 | TAB | -40 ~ +85 |
| 5o12242004558 | 5.0 ~ 5.8 | 40 | 1.25 | 0.8 | TAB | -40 ~ +85 |
| 5o1224200456 | 5.0 ~ 6.0 | 36 | 1.3 | 1 | TAB | -40 ~ +85 |
| 5o122420045259 | 5.2 ~ 5.9 | 40 | 1.2 | 0.8 | TAB | -40 ~ +85 |
| 5o122420045459 | 5.4 ~ 5.9 | 45 | 1.2 | 0.8 | TAB | -40 ~ +85 |
| 5o12242004556 | 5.6 ~ 6.0 | 45 | 1.2 | 0.6 | TAB | -40 ~ +85 |
| 5o122420045759 | 5.7 ~ 5.9 | 45 | 1.2 | 0.6 | TAB | -40 ~ +85 |
| 5o122420045765 | 5.7 ~ 6.5 | 40 | 1.25 | 1 | TAB | -40 ~ +85 |
| 5o1224200467 | 6.0 ~ 7.0 | 45 | 1.2 | 0.7 | TAB | -40 ~ +85 |
| 5o12242004635655 | 6.35 ~ 6.55 | 45 | 1.2 | 0.6 | TAB | -40 ~ +85 |

Basic Specifications

| | |
|---------------------|--------------|
| Dimension | 24*20*8mm |
| Forward Power | 60W |
| Reverse Power | 60W |
| Connector Type | TAB |
| Storage Temperature | -55°C~+125°C |
| Impedance | 50Ω |

Overall Dimension(mm)



Instructions

Tolerances: $\pm 2\%$ unless otherwise stated.

- ◆ It can be dual junction or multiple for high isolation.
- ◆ Installing the embedded isolator/circulator, please use stainless steel or brass screws.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.