

Dual Junction Drop in Isolator 5.0 ~ 25.0GHz

Application

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

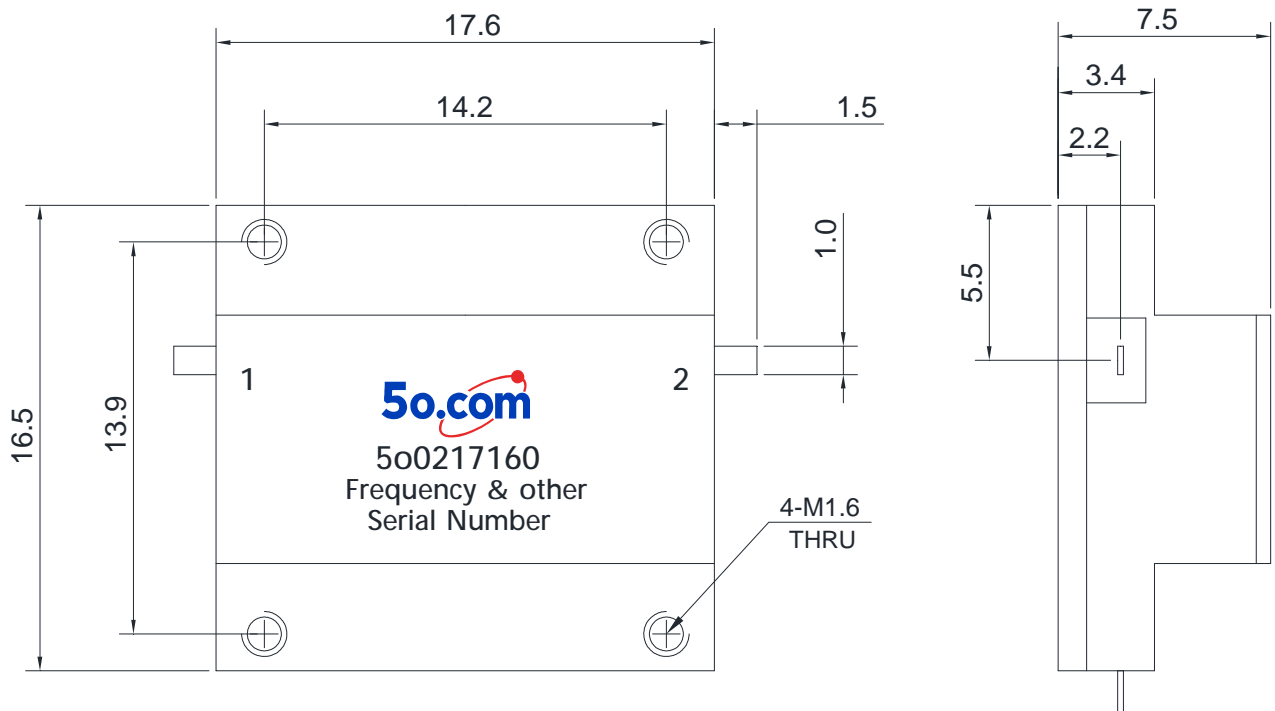
RF Characteristics

| Part Number | Frequency Range (GHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type | Temp.(°C) |
|------------------|-----------------------|-------------------|----------|------------------------|----------------|-----------|
| 5o0217160555 | 5.0 ~ 5.5 | 36 | 1.3 | 1.0 | TAB | -40 ~ +85 |
| 5o02171605458 | 5.4 ~ 5.8 | 36 | 1.3 | 1.0 | TAB | -40 ~ +85 |
| 5o02171605759 | 5.7 ~ 5.9 | 40 | 1.25 | 0.7 | TAB | -40 ~ +85 |
| 5o02171605862 | 5.8 ~ 6.2 | 40 | 1.25 | 1.0 | TAB | -40 ~ +85 |
| 5o021716068 | 6.0 ~ 8.0 | 36 | 1.3 | 1.2 | TAB | -40 ~ +85 |
| 5o021716079 | 7.0 ~ 9.0 | 36 | 1.3 | 1.0 | TAB | -40 ~ +85 |
| 5o02171607195 | 7.1 ~ 9.5 | 36 | 1.3 | 1.2 | TAB | -55 ~ +85 |
| 5o02171607984 | 7.9 ~ 8.4 | 46 | 1.2 | 0.6 | TAB | -55 ~ +85 |
| 5o0217160812 | 8.0 ~ 12.0 | 36 | 1.3 | 1.0 | TAB | -55 ~ +85 |
| 5o02171608595 | 8.5 ~ 9.5 | 46 | 1.2 | 0.6 | TAB | -55 ~ +85 |
| 5o0217160910 | 9.0 ~ 10.0 | 46 | 1.2 | 0.6 | TAB | -55 ~ +85 |
| 5o02171601011 | 10.0 ~ 11.0 | 46 | 1.2 | 0.6 | TAB | -55 ~ +85 |
| 5o02171601013 | 10.0 ~ 13.0 | 40 | 1.25 | 1.0 | TAB | -55 ~ +85 |
| 5o02171601015 | 10.0 ~ 15.0 | 36 | 1.35 | 1.0 | TAB | -55 ~ +85 |
| 5o0217160115185 | 11.5 ~ 18.5 | 32 | 1.45 | 1.4 | TAB | -55 ~ +85 |
| 5o02171601218 | 12.0 ~ 18.0 | 36 | 1.35 | 1.2 | TAB | -55 ~ +85 |
| 5o02171601375145 | 13.75 ~ 14.5 | 46 | 1.2 | 0.6 | TAB | -55 ~ +85 |
| 5o0217160138178 | 13.8 ~ 17.8 | 36 | 1.3 | 1.0 | TAB | -55 ~ +85 |
| 5o0217160155165 | 15.5 ~ 16.5 | 40 | 1.25 | 1.0 | TAB | -55 ~ +85 |
| 5o02171601618 | 16.0 ~ 18.0 | 40 | 1.25 | 1.2 | TAB | -55 ~ +85 |
| 5o02171601820 | 18.0 ~ 20.0 | 40 | 1.25 | 1.2 | TAB | -55 ~ +85 |
| 5o0217160192212 | 19.2 ~ 21.2 | 36 | 1.3 | 1.2 | TAB | -55 ~ +85 |
| 5o02171602123 | 21.0 ~ 23.0 | 36 | 1.3 | 1.2 | TAB | -55 ~ +85 |

Basic Specifications

| | |
|---------------------|-----------------|
| Dimension | 17.6*16.5*7.5mm |
| Forward Power | 30W |
| Reverse Power | 5W |
| 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.