

Coaxial Dual Junction Isolator 200 ~ 1875MHz

Application

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

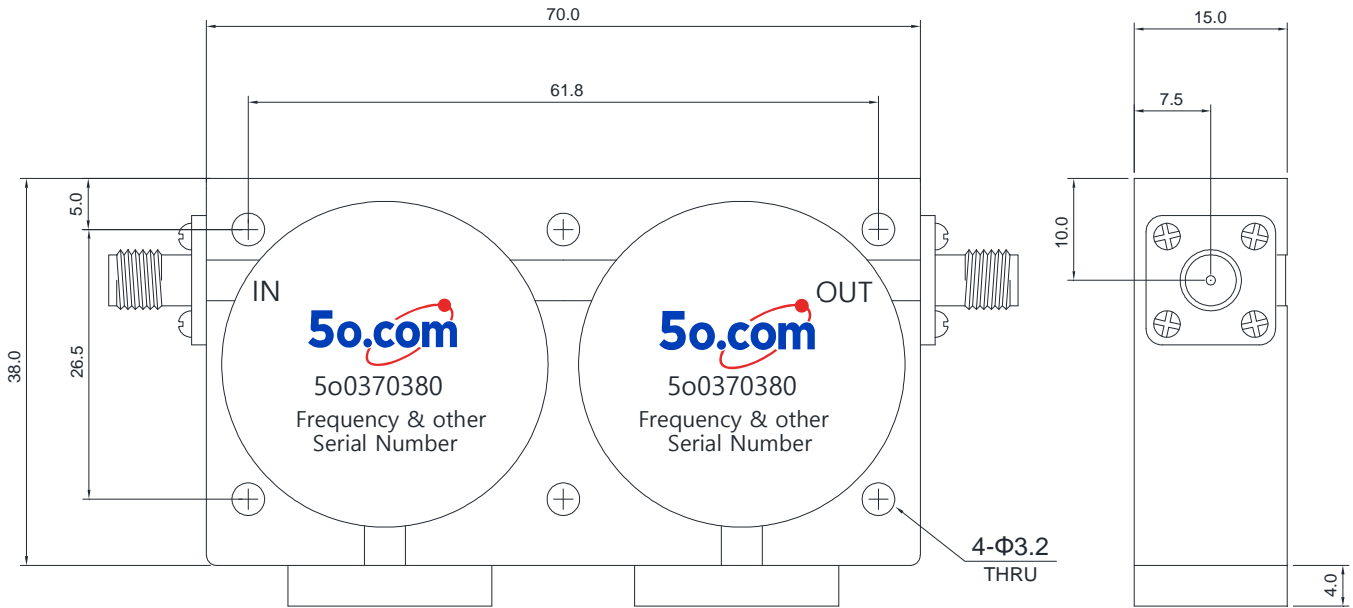
RF Characteristics

| Part Number | Frequency Range (MHz) | Isolation Min(dB) | VSWR Max | Insertion Loss Max(dB) | Connector Type | Temp.(°C) |
|---------------------|-----------------------|-------------------|----------|------------------------|--------------------|-----------|
| 5o0370380220240NK | 220 ~ 240 | 36 | 1.3 | 1.3 | N Female | -20 ~ +65 |
| 5o0370380240260NK | 240 ~ 260 | 36 | 1.3 | 1.0 | N Female | -20 ~ +65 |
| 5o0370380260280NK | 260 ~ 280 | 40 | 1.25 | 1.0 | N Female | -20 ~ +65 |
| 5o0370380309339NK | 309 ~ 339 | 40 | 1.25 | 0.8 | N Female | -20 ~ +65 |
| 5o0370380350370NK | 350 ~ 370 | 42 | 1.2 | 0.7 | N Female | -20 ~ +65 |
| 5o0370380380460SK | 380 ~ 460 | 36 | 1.3 | 1.0 | SMA Female | -20 ~ +65 |
| 5o0370380390410SK | 390 ~ 410 | 46 | 1.2 | 0.6 | SMA Female | -30 ~ +70 |
| 5o0370380400470SK | 400 ~ 470 | 40 | 1.25 | 0.8 | SMA Female | -30 ~ +70 |
| 5o0370380413419SK | 413 ~ 419 | 60 | 1.15 | 0.6 | SMA Female | -30 ~ +70 |
| 5o0370380413419NKNJ | 413 ~ 419 | 60 | 1.15 | 0.6 | N Female to N Male | -30 ~ +70 |
| 5o0370380419425NKNJ | 419 ~ 425 | 60 | 1.15 | 0.6 | N Female to N Male | -30 ~ +70 |
| 5o0370380450520NK | 450 ~ 520 | 40 | 1.25 | 0.8 | N Female | -20 ~ +65 |
| 5o0370380600800SK | 600 ~ 800 | 38 | 1.25 | 1.0 | SMA Female | -20 ~ +65 |
| 5o0370380700900SK | 700 ~ 900 | 40 | 1.25 | 0.8 | SMA Female | -30 ~ +70 |
| 5o03703807001000SK | 700 ~ 1000 | 32 | 1.4 | 1.0.2 | SMA Female | -20 ~ +65 |
| 5o0370380770860SK | 770 ~ 860 | 46 | 1.2 | 0.6 | SMA Female | -30 ~ +70 |
| 5o0370380860872SK | 860 ~ 872 | 60 | 1.15 | 0.5 | SMA Female | -20 ~ +65 |
| 5o0370380900930SK | 900 ~ 930 | 60 | 1.15 | 0.4 | SMA Female | -40 ~ +85 |
| 5o037038010001300NK | 1000 ~ 1300 | 40 | 1.25 | 0.8 | N Female | -30 ~ +70 |
| 5o037038010001700NK | 1000 ~ 1700 | 30 | 1.45 | 1.0 | N Female | -30 ~ +70 |
| 5o037038012961298NK | 1296 ~ 1298 | 50 | 1.15 | 0.6 | N Female | -40 ~ +85 |

Basic Specifications

| | |
|----------------------------|----------------------|
| Dimension | 70*38*15mm |
| Forward Power | 300W |
| Reverse Power | 30W |
| Connector Type | N, SMA (Female/Male) |
| Storage Temperature | -55°C~+125°C |
| Impedance | 50Ω |

Overall Dimension(mm)



Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ It can be dual junction or multiple for high isolation.
- ◆ The connector can be selected according to requirements, Connect type (SMA Male/Female, N Male/ Female, etc.)
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.