# 200 to 1875MHz – Dual Junction Coaxial Isolator

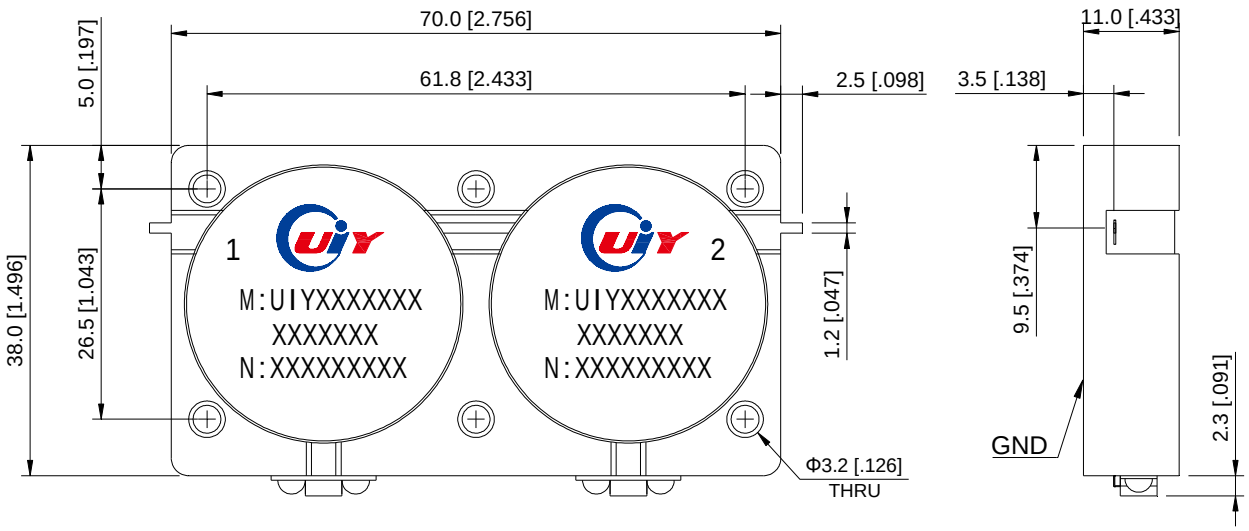
## Design Features

- Can be Dual Junction or Multiple for high isolation.
- Custom design available upon request.
- Military, space and commercial applications.
- Support one year standard warranty.

## RF Characteristics

| Model Number | Freq. Range (MHz) | Insertion Loss Max(dB) | Isolation Min(dB) | VSWR Max | Forward Power(W) | Reverse Power(W) | Connector Type | Temp.(°C) |
|---|---|---|---|---|---|---|---|---|
| UIYDDI7038A220T240 | 220 ~ 240 | 1.3 | 36 | 1.3 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A240T260 | 240 ~ 260 | 1.0 | 36 | 1.3 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A260T280 | 260 ~ 280 | 1.0 | 40 | 1.25 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A309T339 | 309 ~ 339 | 0.8 | 40 | 1.25 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A350T370 | 350 ~ 370 | 0.7 | 42 | 1.2 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A380T460 | 380 ~ 460 | 1.0 | 36 | 1.3 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A390T410 | 390 ~ 410 | 0.6 | 46 | 1.2 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A400T470 | 400 ~ 470 | 0.8 | 40 | 1.25 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A413T419 | 413 ~ 419 | 0.6 | 60 | 1.15 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A413T419 | 413 ~ 419 | 0.6 | 60 | 1.15 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A419T425 | 419 ~ 425 | 0.6 | 60 | 1.15 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A450T520 | 450 ~ 520 | 0.8 | 40 | 1.25 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A600T800 | 600 ~ 800 | 1.0 | 38 | 1.25 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A700T900 | 700 ~ 900 | 0.8 | 40 | 1.25 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A700T1000 | 700 ~ 1000 | 1.2 | 32 | 1.4 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A770T860 | 770 ~ 860 | 0.6 | 46 | 1.2 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A860T872 | 860 ~ 872 | 0.5 | 60 | 1.15 | 300 | 30 | TAB | -20 ~ +65 |
| UIYDDI7038A900T930 | 900 ~ 930 | 0.4 | 60 | 1.15 | 300 | 30 | TAB | -40 ~ +85 |
| UIYDDI7038A1000T1300 | 1000 ~ 1300 | 0.8 | 40 | 1.25 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A1000T1700 | 1000 ~ 1700 | 1.0 | 30 | 1.45 | 300 | 30 | TAB | -30 ~ +70 |
| UIYDDI7038A1296T1298 | 1296 ~ 1298 | 0.6 | 50 | 1.15 | 300 | 30 | TAB | -40 ~ +85 |

## Mechanical Drawing




Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Ver. 5.1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