

140 to 300MHz – Dual Junction Coaxial Isolator

Design Features

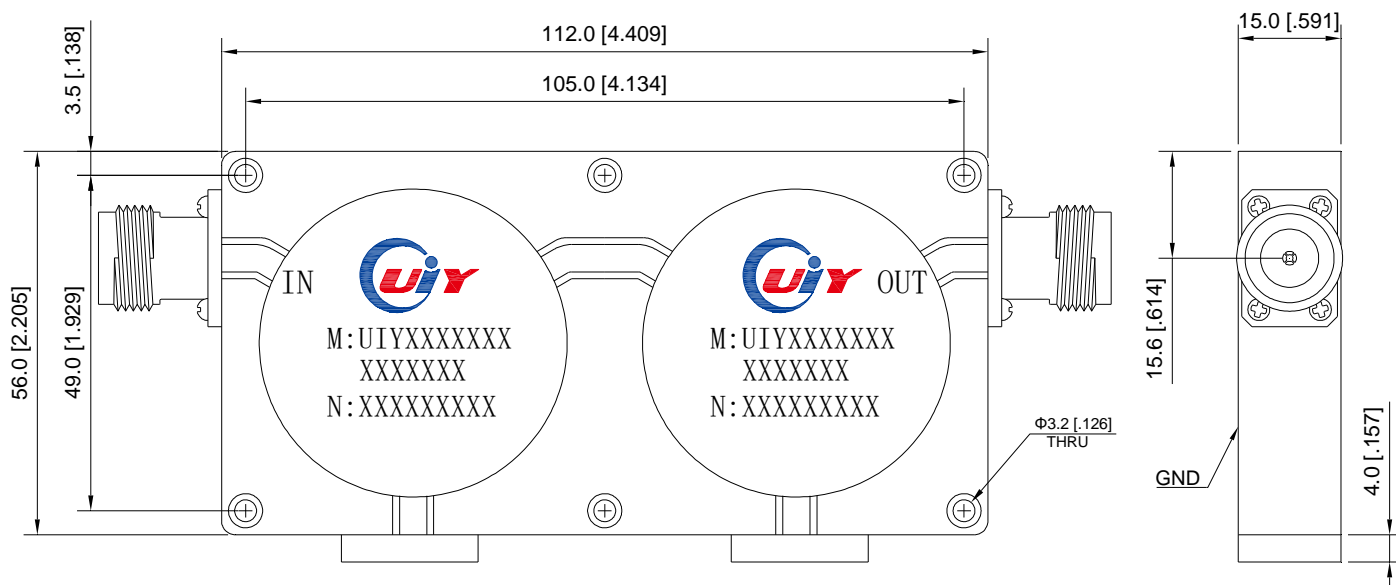
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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) |
|----------------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYCDI11256A140T142SF | 140 ~ 142 | 1.6 | 36 | 1.3 | 100 | 30 | SMA-F | -10 ~ +60 |
| UIYCDI11256A147T150NF | 147 ~ 150 | 1.6 | 36 | 1.3 | 300 | 30 | N-F | -10 ~ +60 |
| UIYCDI11256A150T155SF | 150 ~ 155 | 1.0 | 40 | 1.25 | 100 | 30 | SMA-F | -10 ~ +70 |
| UIYCDI11256A150T170SF | 150 ~ 170 | 1.4 | 36 | 1.3 | 100 | 30 | SMA-F | -10 ~ +70 |
| UIYCDI11256A168T171NF | 168 ~ 171 | 0.8 | 45 | 1.2 | 300 | 30 | N-F | -30 ~ +70 |
| UIYCDI11256A170T200SF | 170 ~ 200 | 1.4 | 36 | 1.3 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI11256A180T220SF | 180 ~ 220 | 1.2 | 36 | 1.3 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI11256A192T232NF | 192 ~ 232 | 0.8 | 40 | 1.25 | 300 | 30 | N-F | -30 ~ +70 |
| UIYCDI11256A1975T2075SMTSF | 197.5~207.5 | 0.8 | 45 | 1.2 | 100 | 30 | SMA-M to SMA-F | -30 ~ +70 |
| UIYCDI11256A200T250SF | 200 ~ 250 | 1.2 | 40 | 1.25 | 100 | 30 | SMA-F | -30 ~ +70 |
| UIYCDI11256A230T250NF | 230 ~ 250 | 0.8 | 45 | 1.2 | 300 | 30 | N-F | -30 ~ +70 |
| UIYCDI11256A250T300SF | 250 ~ 300 | 0.8 | 40 | 1.25 | 100 | 30 | SMA-F | -30 ~ +70 |

- ² List are specify frequency range and other ranges available.
² Please enter below information when inquiry and mark * is must.
 * 1. The specific frequency range
 * 2. Power handling (Forward, Reverse, Peak, etc.)
 3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

Mechanical Drawing



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

Ver. 5