

10 to 55MHz – Dual Junction Drop in Isolator

Design Features

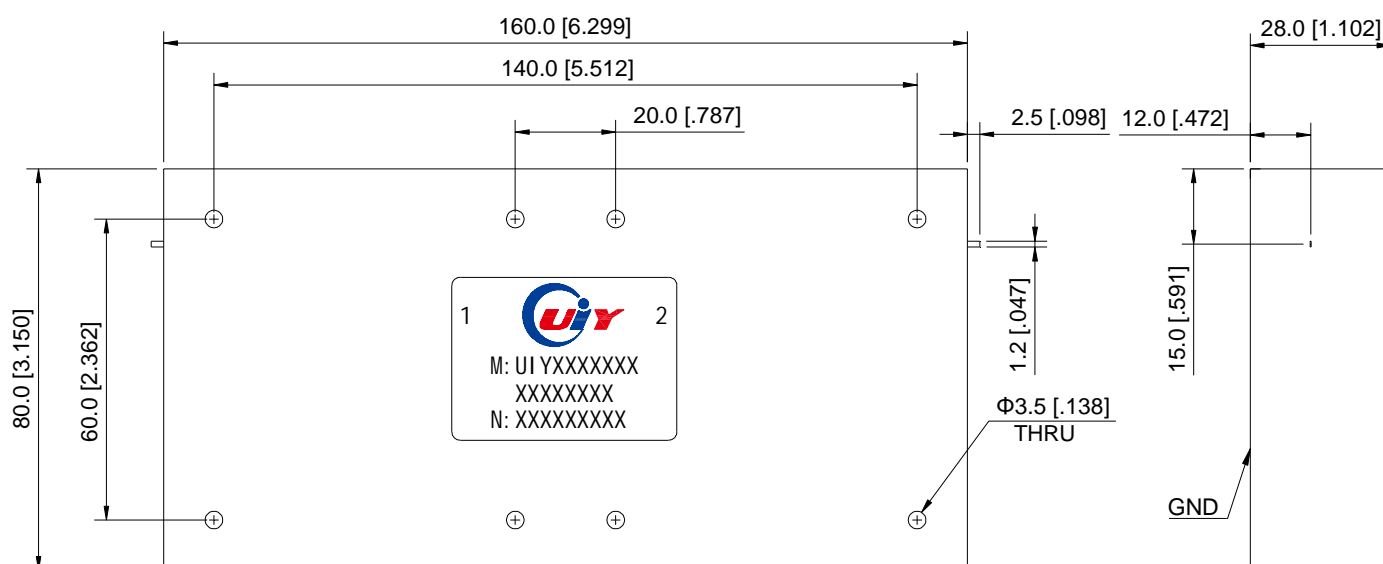
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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) |
|---------------------|-------------------|------------------------|-------------------|----------|------------------|------------------|----------------|-----------|
| UIYDDI16080A25T30 | 25 ~ 30 | 7.0 | 24 | 1.45 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A26T28 | 26 ~ 28 | 6.0 | 30 | 1.45 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A285T305 | 28.5 ~ 30.5 | 5.6 | 32 | 1.4 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A30T32 | 30 ~ 32 | 3.6 | 32 | 1.4 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A30T35 | 30 ~ 35 | 6.0 | 32 | 1.4 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A35T45 | 35 ~ 45 | 5.0 | 40 | 1.4 | 50 | 50 | TAB | +10 ~ +60 |
| UIYDDI16080A44T46 | 44 ~ 46 | 2.4 | 40 | 1.25 | 50 | 50 | TAB | 25±5 |
| | | 3.0 | 34 | 1.35 | | | | +20 ~ +60 |

- 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. Connect type (SMA Male/ Female, N Male/ Female, etc.)
 - 4. 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