

## 7 to 10GHz – Waveguide Isolator

### Design Features

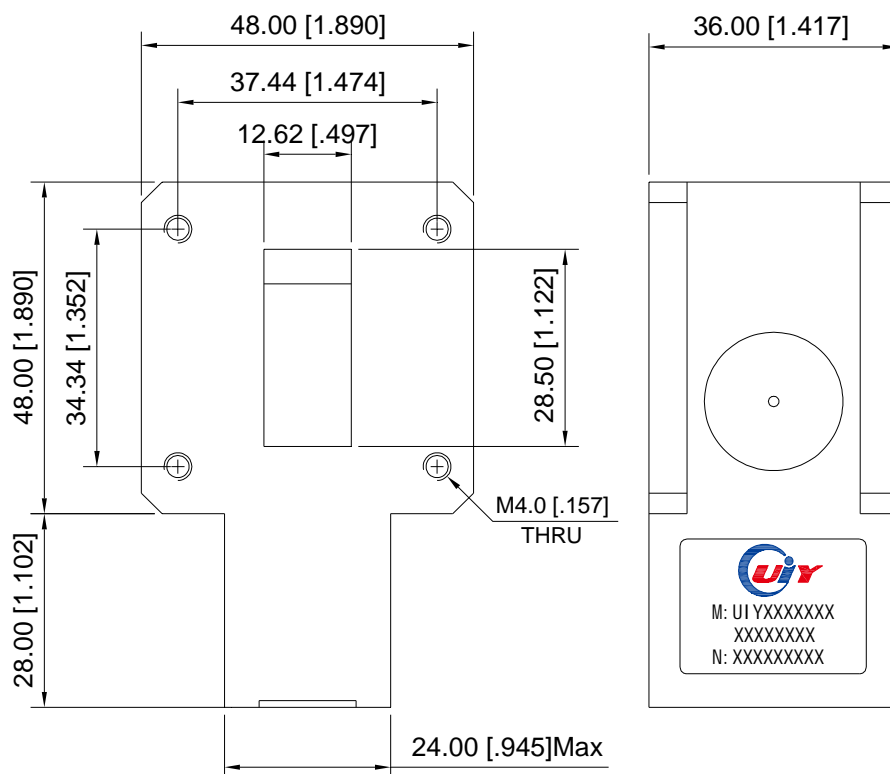
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### RF Characteristics

Model Number	Freq. Range (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYWI4876A7T75	7.0 ~ 7.5	0.3	23	1.2	100	30	WR112(BJ84)	-40 ~ +85
UIYWI4876A72T85	7.2 ~ 8.5	0.4	20	1.25	100	30	WR112(BJ84)	-40 ~ +85
UIYWI4876A79T84	7.9 ~ 8.4	0.25	25	1.2	100	30	WR112(BJ84)	-40 ~ +85
UIYWI4876A85T87	8.5 ~ 8.7	0.25	25	1.2	100	30	WR112(BJ84)	-40 ~ +85

- 2 Listed are specific frequency ranges and other ranges are available.
- 2 Please provide the below information when inquiring and mark \* is required.
- \* 1. The specific frequency range
  - \* 2. Power handling (Forward, Reverse, Peak, etc.)
  - \* 3. Other special requests (Such as Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

### Mechanical Drawing



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

Ver. 5.1