

## 8 to 12.4GHz – Waveguide Circulator

### Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ 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)
UIYWC4853A8T12	8.0 ~ 12.0	0.5	18	1.35	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A82T89	8.2 ~ 8.9	0.3	20	1.2	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A85T95	8.5 ~ 9.5	0.35	20	1.2	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A85T11	8.5 ~ 11.0	0.5	18	1.3	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A92T98	9.2 ~ 9.8	0.3	23	1.15	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A98T102	9.8 ~ 10.2	0.25	25	1.2	100	100	WR90(BJ100)	-40 ~ +85
UIYWC4853A10T124	10.0 ~ 12.4	0.35	20	1.25	100	100	WR90(BJ100)	-40 ~ +85

<sup>2</sup> Listed are specific frequency ranges and other ranges are available.

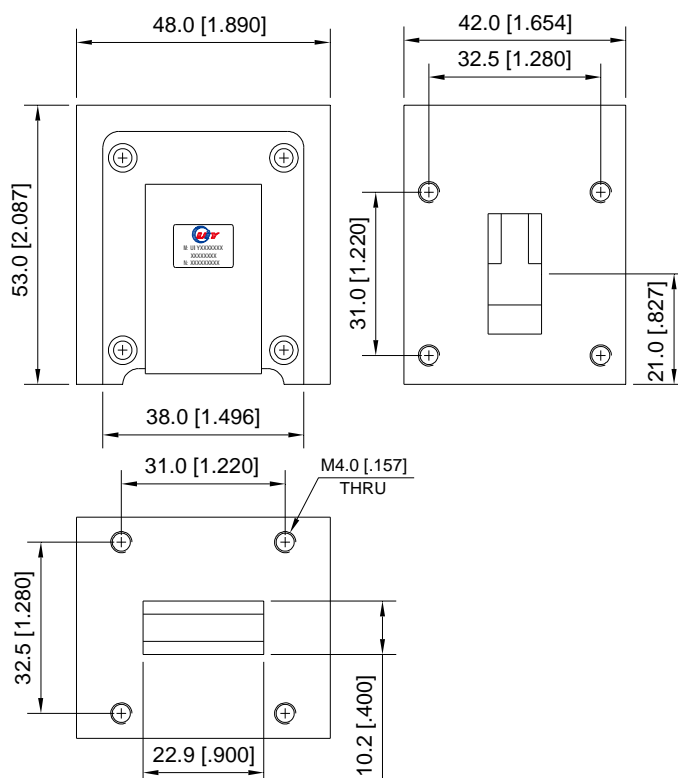
<sup>2</sup> Please provide the below information when inquiring and mark \* is required.

\* 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