

## 12.4 to 18.0GHz – Waveguide Circulator

### Design Features

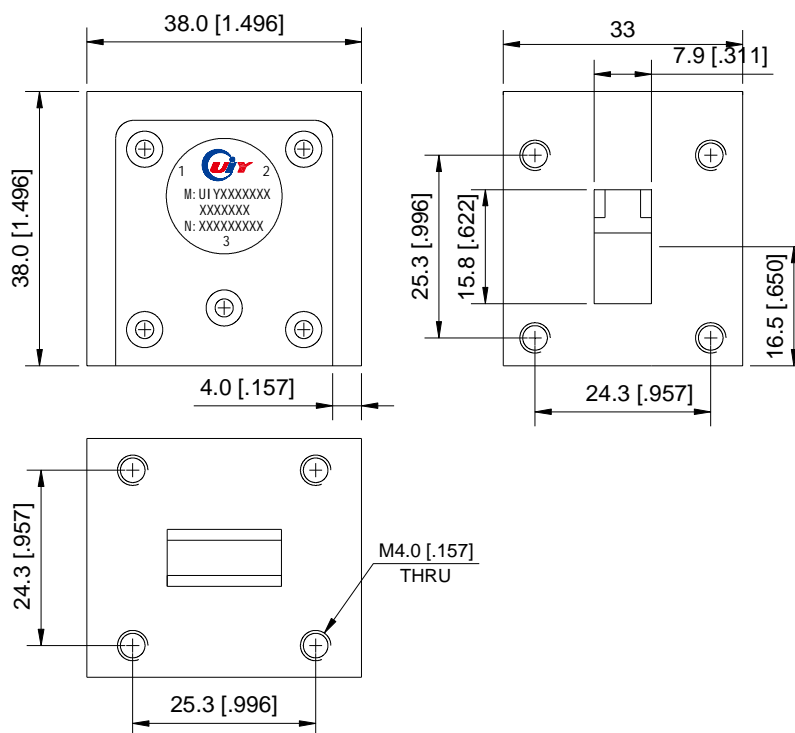
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Guaranteed for one year standard.

### 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)
UIYWC3838A124T1375	12.4 ~ 13.75	0.35	20	1.2	100	100	WR62(BJ140)	-40 ~ +85
UIYWC3838A1375T145	13.75 ~ 14.5	0.3	23	1.2	100	100	WR62(BJ140)	-40 ~ +85
UIYWC3838A145T155	14.5 ~ 15.5	0.3	23	1.2	100	100	WR62(BJ140)	-40 ~ +85
UIYWC3838A15T18	15.0 ~ 18.0	0.35	20	1.2	100	100	WR62(BJ140)	-40 ~ +85
UIYWC3838A155T165	15.5 ~ 16.5	0.3	23	1.2	100	100	WR62(BJ140)	-40 ~ +85
UIYWC3838A165T175	16.5 ~ 17.5	0.3	23	1.2	100	100	WR62(BJ140)	-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