

# 10 to 15GHz – Waveguide Circulator

## Design Features

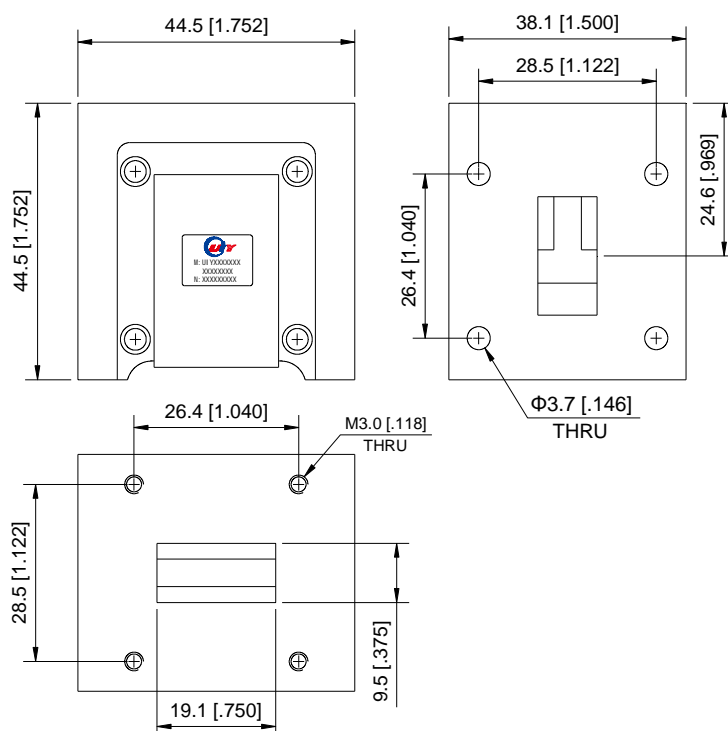
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.

## 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)
UIYWC4444A10T12	10.0 ~ 12.0	0.3	23	1.2	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A10T11	10.0 ~ 11.0	0.3	23	1.15	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A107T1275	10.7 ~ 12.75	0.3	23	1.2	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A11T12.4	11.0 ~ 12.4	0.35	20	1.2	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A124T138	12.4 ~ 13.8	0.35	20	1.2	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A1375T1425	13.75 ~ 14.25	0.3	23	1.15	100	100	WR75(BJ120)	-40 ~ +85
UIYWC4444A14T15	14.0 ~ 15.0	0.3	23	1.15	100	100	WR75(BJ120)	-40 ~ +85

- 2 Listed are specific frequency ranges and other ranges are available.
- 2 Please provide the below informations 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  $\pm 0.2$ mm unless otherwise stated.

Ver. 5