

5.4 to 8.0GHz – Waveguide Isolator

Design Features

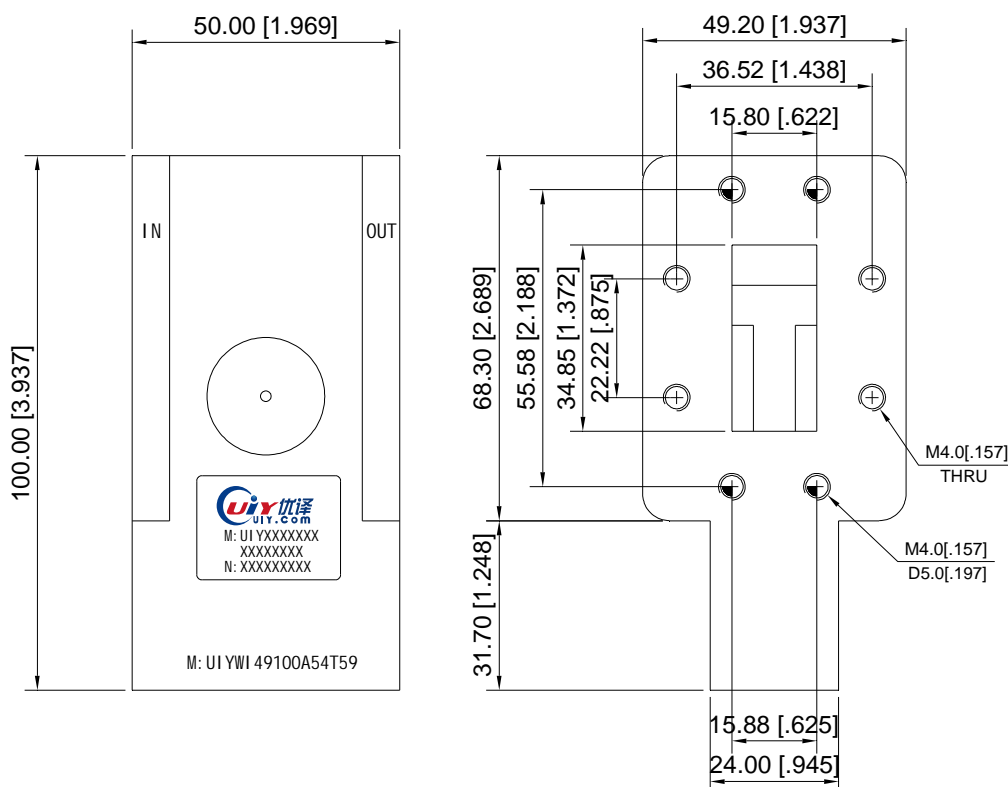
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

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)
UIYWI49100A54T59	5.4 ~ 5.9	0.3	23	1.2	100	30	WR137(BJ70)	-40 ~ +85
UIYWI49100A58T71	5.8 ~ 7.1	0.4	18	1.3	100	30	WR137(BJ70)	-40 ~ +85
UIYWI49100A6T65	6.0 ~ 6.5	0.3	23	1.2	100	30	WR137(BJ70)	-40 ~ +85
UIYWI49100A6T77	6.0 ~ 7.7	0.4	18	1.3	100	30	WR137(BJ70)	-40 ~ +85
UIYWI49100A7T8	7.0 ~ 8.0	0.35	20	1.2	100	30	WR137(BJ70)	-40 ~ +85
UIYWI49100A78T8	7.8 ~ 8.0	0.25	25	1.2	100	30	WR137(BJ70)	-40 ~ +85

² Listed are specific frequency ranges and tailor-made ranges are available.
² Please provide the information below when inquiring and mark * is required.
 * 1. The specific frequency ranges
 * 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. 5.3