

11.5 to 17.5GHz – Microstrip Isolator

Design Features

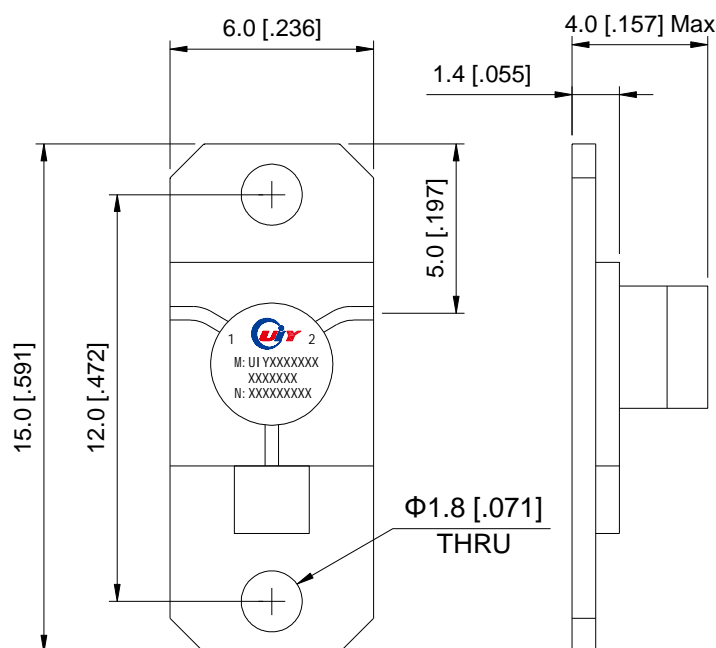
- ◆ Can be Dual Junction or Multiple for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

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)
UIYMI615B115T125	11.5 ~ 12.5	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B12T13	12.0 ~ 13.0	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B12T14	12.0 ~ 14.0	0.5	20	1.3	10	3	Microstrip	-55 ~ +85
UIYMI615B13T14	13.0 ~ 14.0	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B135T145	13.5 ~ 14.5	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B14T15	14.0 ~ 15.0	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B14T16	14.0 ~ 16.0	0.5	20	1.3	10	3	Microstrip	-55 ~ +85
UIYMI615B145T155	14.5 ~ 14.5	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B155T165	15.5 ~ 16.5	0.5	20	1.25	10	3	Microstrip	-55 ~ +85
UIYMI615B155T175	15.5 ~ 17.5	0.5	20	1.3	10	3	Microstrip	-55 ~ +85
UIYMI615B165T175	16.5 ~ 17.5	0.5	20	1.25	10	3	Microstrip	-55 ~ +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 (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ± 0.2 mm unless otherwise stated.

Ver. 5