

# 140 to 300MHz – Coaxial Isolator

## Design Features

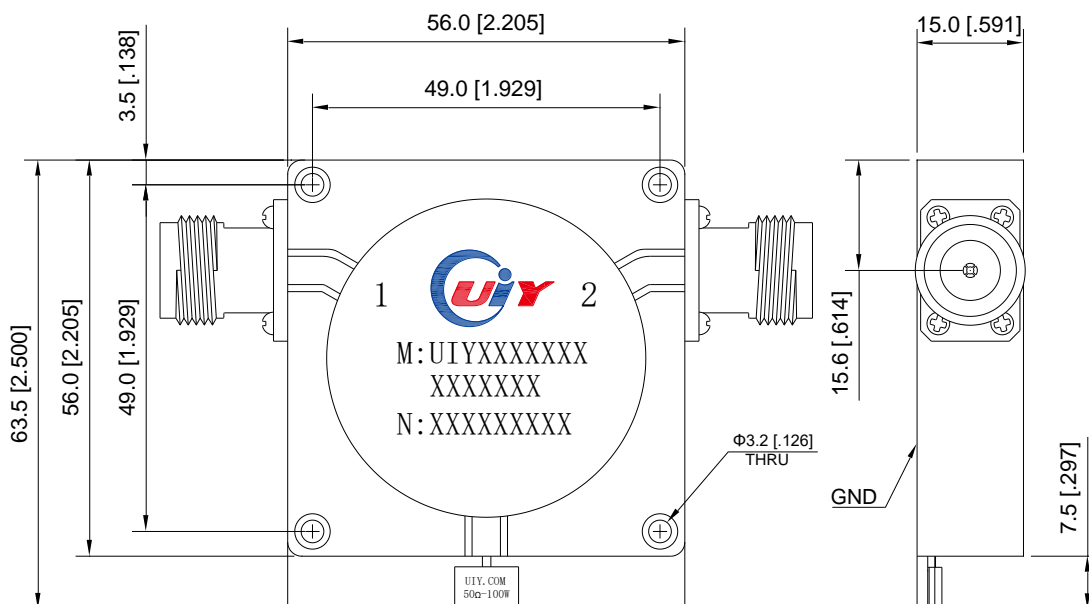
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

## RF Characteristics

Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCI5663A140T142SF	140 ~ 142	0.8	18	1.3	100	100	SMA-F	-10 ~ +60
UIYCI5663A145T150NF	145 ~ 150	0.6	20	1.25	300	100	N-F	-10 ~ +60
UIYCI5663A150T155SF	150 ~ 155	0.5	20	1.25	100	100	SMA-F	-10 ~ +70
UIYCI5663A150T170SF	150 ~ 170	0.7	18	1.3	100	100	SMA-F	-10 ~ +70
UIYCI5663A168T171NF	168 ~ 171	0.4	23	1.2	300	100	N-F	-30 ~ +70
UIYCI5663A170T200SF	170 ~ 200	0.7	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI5663A180T220SF	180 ~ 220	0.6	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI5663A192T232NF	192 ~ 232	0.4	20	1.25	300	100	N-F	-30 ~ +70
UIYCI5663A1975T2075SMTSF	197.5 ~ 207.5	0.4	23	1.2	100	100	SMA-M to SMA-F	-30 ~ +70
UIYCI5663A200T250SF	200 ~ 250	0.6	20	1.25	100	100	SMA-F	-30 ~ +70
UIYCI5663A230T250NF	230 ~ 250	0.4	23	1.2	300	100	N-F	-30 ~ +70
UIYCI5663A250T300SF	250 ~ 300	0.4	20	1.25	100	100	SMA-F	-30 ~ +70

- ✧ List are specify frequency range and other ranges available.
- ✧ Please enter below information when inquiry and mark \* is must.
  - \* 1. The specific frequency range
  - \* 2. Power handling (Forward, Reverse, Peak, etc.)
  - 3. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

## Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 2\%$  unless otherwise stated.

Ver. 5