

# 700 to 5000MHz – Coaxial Isolator

## Design Features

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

## RF Characteristics

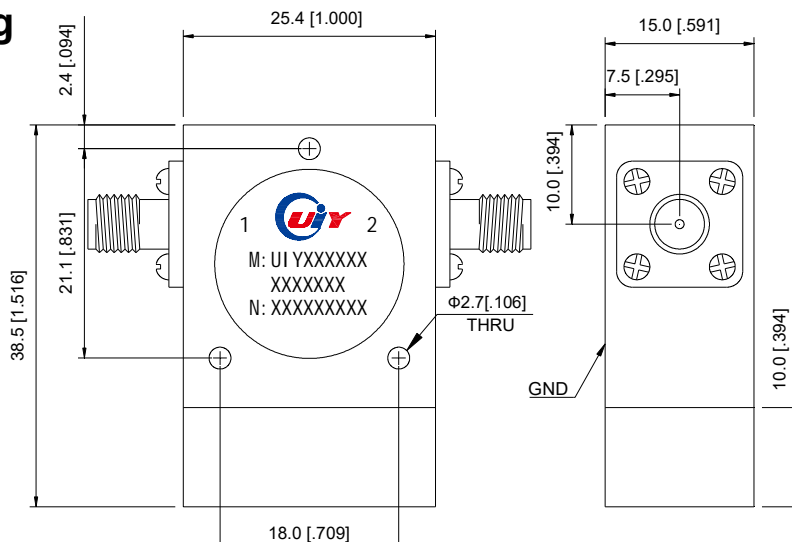
Model Number	Freq. Range (MHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCI2538A700T750SF	700 ~ 750	0.4	20	1.25	100	100	SMA-F	-30 ~ +70
UIYCI2538A869T894NF	869 ~ 894	0.3	23	1.2	200	100	N-F	-30 ~ +70
UIYCI2538A925T960SF	925 ~ 960	0.3	23	1.2	100	100	SMA-F	-30 ~ +70
UIYCI2538A1200T1400SF	1200 ~ 1400	0.35	20	1.25	150	100	SMA-F	-40 ~ +85
UIYCI2538A1400T1600NF	1400 ~ 1600	0.35	21	1.25	200	100	N-F	-30 ~ +70
UIYCI2538A1700T2200SF	1700 ~ 2200	0.5	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI2538A1700T1900NFTNM	1700 ~ 1900	0.35	21	1.25	200	100	N-F to N-M	-30 ~ +70
UIYCI2538A1900T2200NFTNM	1900 ~ 2200	0.35	21	1.25	200	100	N-F to N-M	-30 ~ +70
UIYCI2538A2000T2500SF	2000 ~ 2500	0.5	20	1.25	100	100	SMA-F	-30 ~ +70
UIYCI2538A2000T2700SF	2000 ~ 2700	0.5	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI2538A2300T2500SF	2300 ~ 2500	0.3	23	1.2	100	100	SMA-F	-40 ~ +85
UIYCI2538A2300T3000SF	2300 ~ 3000	0.5	18	1.3	100	100	SMA-F	-40 ~ +85
UIYCI2538A2400T2600SF	2400 ~ 2600	0.3	23	1.2	100	100	SMA-F	-40 ~ +85
UIYCI2538A2500T2700NF	2500 ~ 2700	0.3	23	1.2	200	100	N-F	-40 ~ +85
UIYCI2538A2600T3300SF	2600 ~ 3300	0.5	18	1.3	100	100	SMA-F	-30 ~ +70
UIYCI2538A2700T3100SF	2700 ~ 3100	0.4	20	1.25	100	100	SMA-F	-40 ~ +85
UIYCI2538A2850T3300SF	2850 ~ 3300	0.4	20	1.25	100	100	SMA-F	-40 ~ +85
UIYCI2538A3000T3600SF	3000 ~ 3600	0.4	20	1.25	100	100	SMA-F	-40 ~ +85
UIYCI2538A3500T4000SF	3500 ~ 4000	0.4	20	1.25	100	100	SMA-F	-40 ~ +85
UIYCI2538A4000T4600SF	4000 ~ 4600	0.4	20	1.25	100	100	SMA-F	-40 ~ +85
UIYCI2538A4400T5000SF	4400 ~ 5000	0.4	20	1.25	100	100	SMA-F	-40 ~ +85

<sup>2</sup> List are specify frequency range and other ranges available.

<sup>2</sup> Please enter below information when inquiry and mark \* is must.

- \* 1. The specific frequency range
- \* 2. Power handling (Forward, Reverse, Peak, etc.)
- \* 3. Connect type (SMA Male/ Female, N Male/ Female, etc.)
- 4. Other special request if have (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

## Mechanical Drawing



Unit: mm/ inch, General part tolerance is  $\pm 0.2\text{mm}$  unless otherwise stated.

Ver. 5