

## 7.0 to 20.0GHz –Dual Junction Coaxial Isolator

### Design Features

- ◆ Can be dual junction even three for high isolation.
- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ 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)
UIYCDI2420A74T77SF	7.4 ~ 7.7	0.6	45	1.2	60	10	SMA-F	-40 ~ +85
UIYCDI2420A8T10SF	8.0 ~ 10.0	0.8	40	1.25	60	10	SMA-F	-40 ~ +85
UIYCDI2420A93T95SM	9.3 ~ 9.5	0.6	45	1.2	60	10	SMA-M	-40 ~ +85
UIYCDI2420A10T13SF	10.0 ~ 13.0	0.8	40	1.25	60	10	SMA-F	-40 ~ +85
UIYCDI2420A107T133SFTSM	10.7 ~ 13.3	0.7	45	1.2	60	10	SMA-F to SMA-M	-40 ~ +85
UIYCDI2420A1375T145SF	13.75 ~ 14.5	0.6	45	1.2	60	10	SMA-F	-40 ~ +85
UIYCDI2420A138T178SF	13.8 ~ 17.8	1.0	36	1.3	60	10	SMA-F	-40 ~ +85
UIYCDI2420A155T165SF	15.5 ~ 1.65	0.6	45	1.2	60	10	SMA-F	-40 ~ +85
UIYCDI2420A177T197SF	17.9 ~ 19.7	1.0	40	1.25	60	10	SMA-F	-40 ~ +85
UIYCDI2420A18T20SF	18.0 ~ 20.0	1.0	40	1.25	60	10	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.

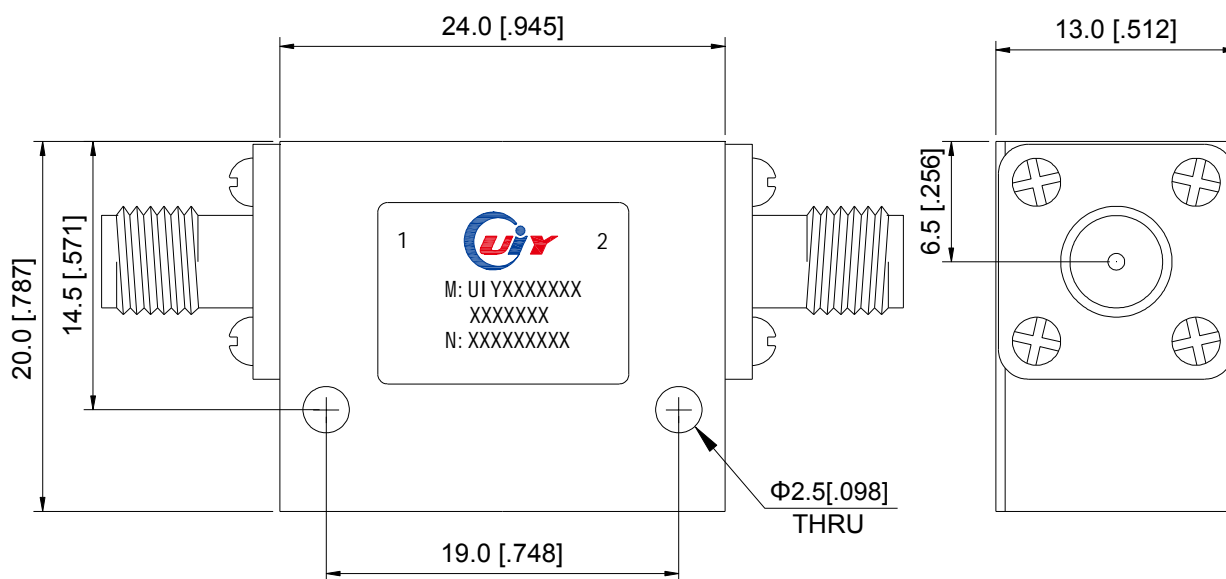
\* 1. The specific frequency range

\* 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  $\pm 0.2$ mm unless otherwise stated.

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