

7 to 20GHz – Coaxial Isolator

Design Features

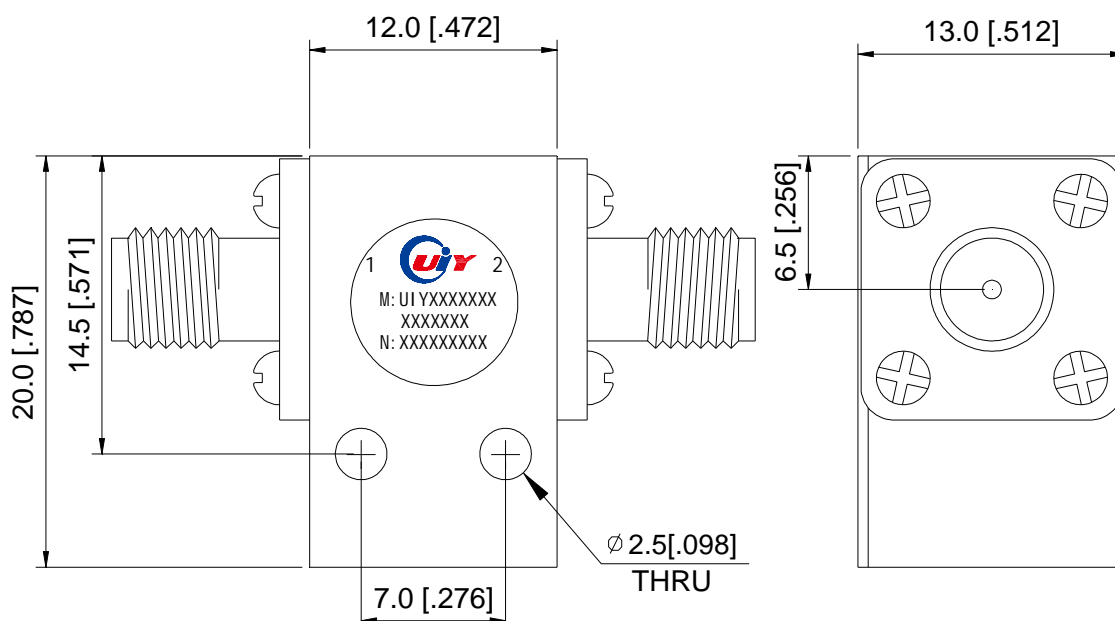
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ Guaranteed for one year standard.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

RF Characteristics

Model Number	Freq. Range (GHz)	Insertion Loss Max(dB)	Isolation Min(dB)	VSWR Max	Forward Power(W)	Reverse Power(W)	Connector Type	Temp.(°C)
UIYCI1220A74T77SF	7.4 ~ 7.7	0.3	23	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A8T10SF	8.0 ~ 10.0	0.4	20	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A93T95SM	9.3 ~ 9.5	0.3	23	1.2	60	10	SMA-M	-40 ~ +85
UIYCI1220A10T13SF	10.0 ~ 13.0	0.4	21	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A107T133SFTSM	10.7 ~ 13.3	0.35	23	1.2	60	10	SMA-F to SMA-M	-40 ~ +85
UIYCI1220A1375T145SF	13.75 ~ 14.5	0.3	23	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A138T178SF	13.8 ~ 17.8	0.5	18	1.3	60	10	SMA-F	-40 ~ +85
UIYCI1220A155T165SF	15.5 ~ 16.5	0.3	23	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A177T197SF	17.7 ~ 19.7	0.5	20	1.2	60	10	SMA-F	-40 ~ +85
UIYCI1220A18T20SF	18.0 ~ 20.0	0.5	20	1.2	60	10	SMA-F	-40 ~ +85

- ² List are specify frequency range and other ranges available.
² 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 ± 0.2 mm unless otherwise stated.

Ver. 5

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