

## 12 to 55MHz – Coaxial Isolator

### Design Features

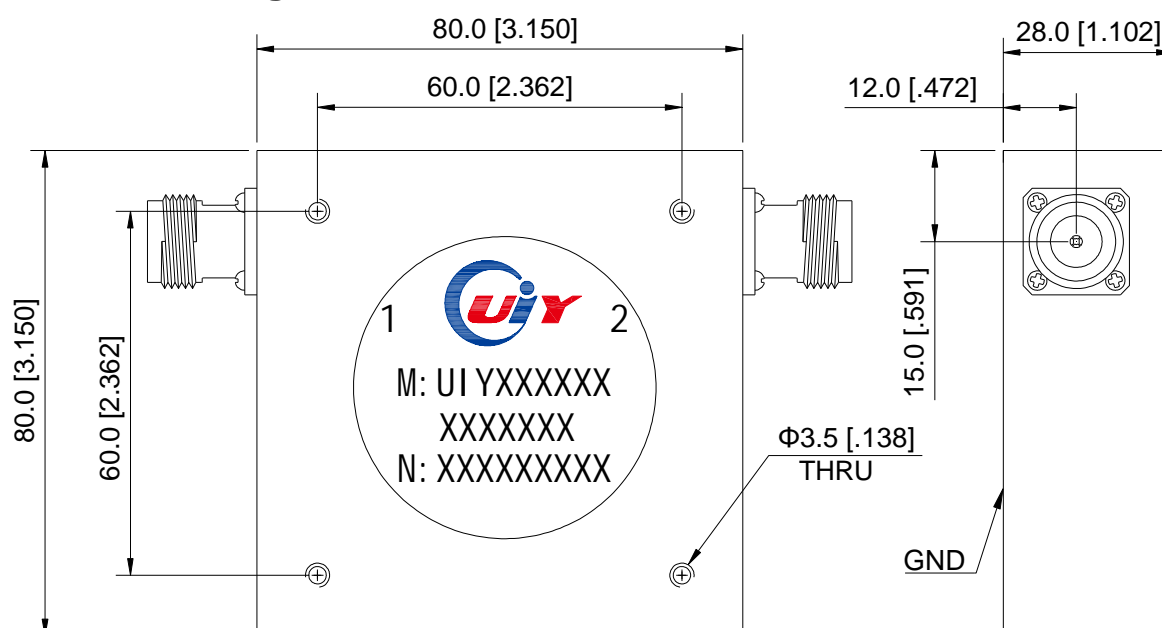
- ◆ Can be dual junction even three for high isolation.
- ◆ Military, space and commercial applications.
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.

### 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)
UIYCI8080A12713T14407SF	12.713 ~ 14.407	6.0	11	1.8	50	50	SMA-F	+20 ~ +60
UIYCI8080A13T14SF	13 ~ 14	6.0	16	1.4	50	50	SMA-F	+20 ~ +60
UIYCI8080A25T30SF	25 ~ 30	3.5	12	1.45	50	50	SMA-F	+10 ~ +60
UIYCI8080A26T28SF	26 ~ 28	3.0	15	1.45	50	50	SMA-F	+10 ~ +60
UIYCI8080A285T305NF	28.5 ~ 30.5	2.8	16	1.4	50	50	N-F	+10 ~ +60
UIYCI8080A30T32NF	30 ~ 32	1.8	16	1.4	50	50	N-F	+10 ~ +60
UIYCI8080A30T35SF	30 ~ 35	3.0	16	1.4	50	50	SMA-F	+10 ~ +60
UIYCI8080A35T45SF	35 ~ 45	3.0	16	1.4	50	50	SMA-F	+10 ~ +60
UIYCI8080A44T46NFTNM	44 ~ 46	1.2	20	1.25	50	50	N-F to N-M	25 ± 5
		1.5	17	1.35				+20 ~ +60
UIYCI8080A45T55SF	45 ~ 55	2.5	16	1.4	50	50	SMA-F	+10 ~ +60

- 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 ±0.2mm unless otherwise stated.

Ver. 5

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