

4.8 to 12GHz – Surface Mount Circulator

Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

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)
UIYSC9B48T58	4.8 ~ 5.8	0.5	18	1.3	30	30	SMT	-20 ~ +60
UIYSC9B49T59	4.9 ~ 5.9	0.5	18	1.3	30	30	SMT	-20 ~ +60
UIYSC9B5T55	5.0 ~ 5.5	0.4	20	1.25	30	30	SMT	-20 ~ +60
UIYSC9B5T6	5.0 ~ 6.0	0.5	18	1.3	30	30	SMT	-20 ~ +60
UIYSC9B55T6	5.5 ~ 6.0	0.4	20	1.25	30	30	SMT	-20 ~ +60
UIYSC9B6T7	6.0 ~ 7.0	0.5	18	1.3	30	30	SMT	-20 ~ +60
UIYSC9B79T84	7.9 ~ 8.4	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC9B85T95	8.5 ~ 9.5	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC9B87T105	8.7 ~ 10.5	0.5	18	1.3	30	30	SMT	-20 ~ +60
UIYSC9B9T10	9.0 ~ 10.0	0.4	20	1.25	30	30	SMT	-40 ~ +85
UIYSC9B10T105	10.0 ~ 10.5	0.4	20	1.25	30	30	SMT	-40 ~ +85

² Listed are specific frequency ranges and tailor-made ranges are available.

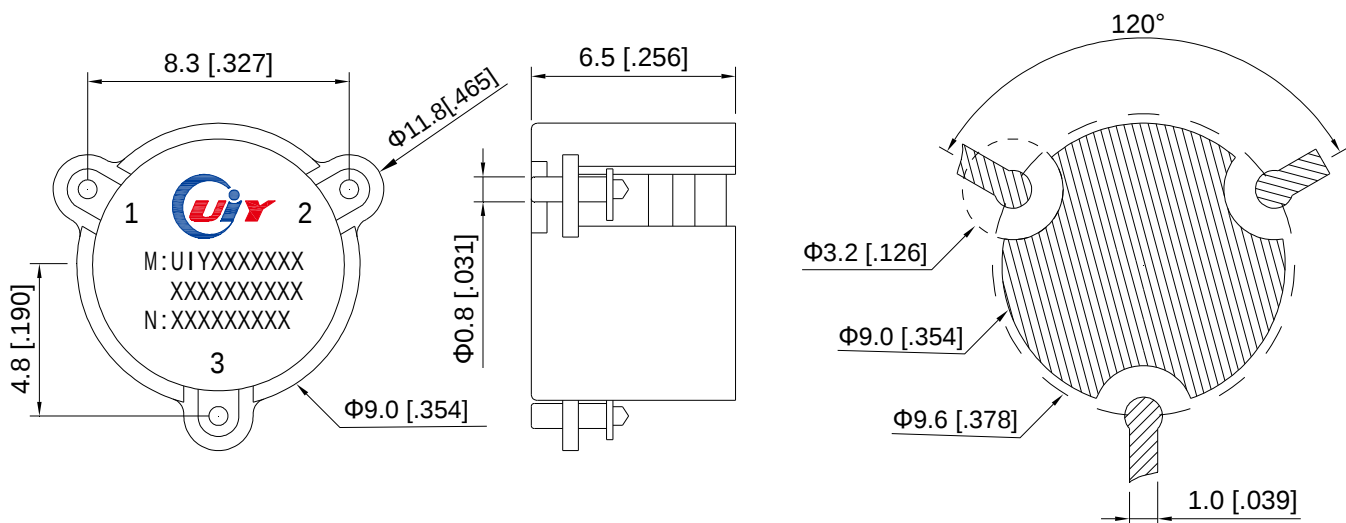
² Please provide the information below when inquiring and mark * is required.

* 1. The specific frequency ranges

* 2. Power handling (Forward, Reverse, Peak, etc.)

3. Other special requests (Insertion Loss, Isolation, VSWR, Temperature, Dimension, etc.)

Mechanical Drawing



Recommended Land Pattern

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

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