

## SWI-05021-SB

### WR-05 Waveguide Spacer, 21 Mils, 1/4 λg

**SWI-05021-SB** is a 0.021" thick, 1/4 wavelength, instrumentation grade G Band waveguide spacer (shim) with WR-05 window and UG-387/U-M circular flange. The spacer is manufactured with a precision machining process to ensure high quality and ruggedness. The spacer is offered to cover the frequency range of 140 to 220 GHz.



#### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-05 Waveguide with UG-387/U-M Flange
Material	Brass
Finish	Gold Plated
Weight	0.2 Oz
Insertion Length	0.021"(L)
Outline	WI-GL

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 140 to 220 GHz
- 1/4 Wavelength
- Low Insertion Loss
- Instrumentation Grade

#### APPLICATIONS

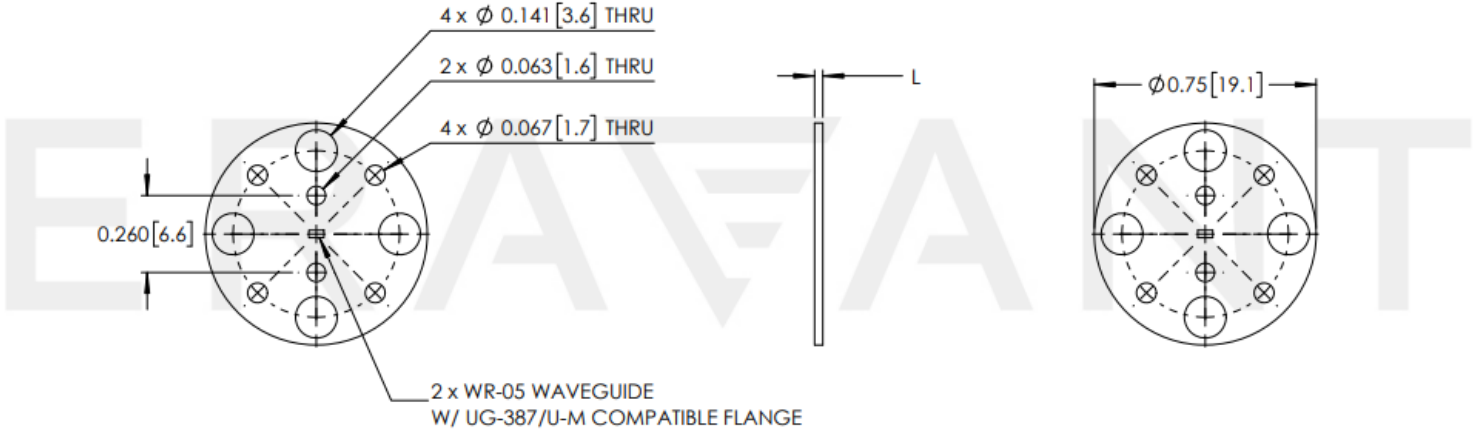
- Module Tuning
- Sub-assemblies
- Mechanical Fitting
- VNA Calibration

#### SUPPLEMENTAL DETAILS



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**Mechanical Outline:** Unless otherwise specified, all dimensions are in inches [millimeters]



**NOTE:**

- Length "L" is customizable.
- On condition that test data is provided it is collected from a sample lot. Actual data may vary slightly from unit to unit. All testing is performed under +25 °C room temperature.
- On condition that simulated test data is provided, actual measured data may slightly vary.
- Eravant reserves the right to change the information presented without notice.

**CAUTION:**

- If a waveguide is present, any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.

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