

## SWI-12052-SB

### WR-12 Waveguide Spacer, 52 Mils, 1/4 $\lambda$ g

**SWI-12052-SB** is a 0.052" thick, 1/4 wavelength, instrumentation grade E Band waveguide spacer (shim) with WR-12 window and UG-387/U 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 60 to 90 GHz.



#### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-12 Waveguide with UG-387/U Flange
Material	Brass
Finish	Gold Plated
Weight	0.3 Oz
Insertion Length	0.052" (L)
Outline	WI-EL

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 60 to 90 GHz
- 1/4 Wavelength
- Low Insertion Loss
- Instrumentation Grade

#### APPLICATIONS

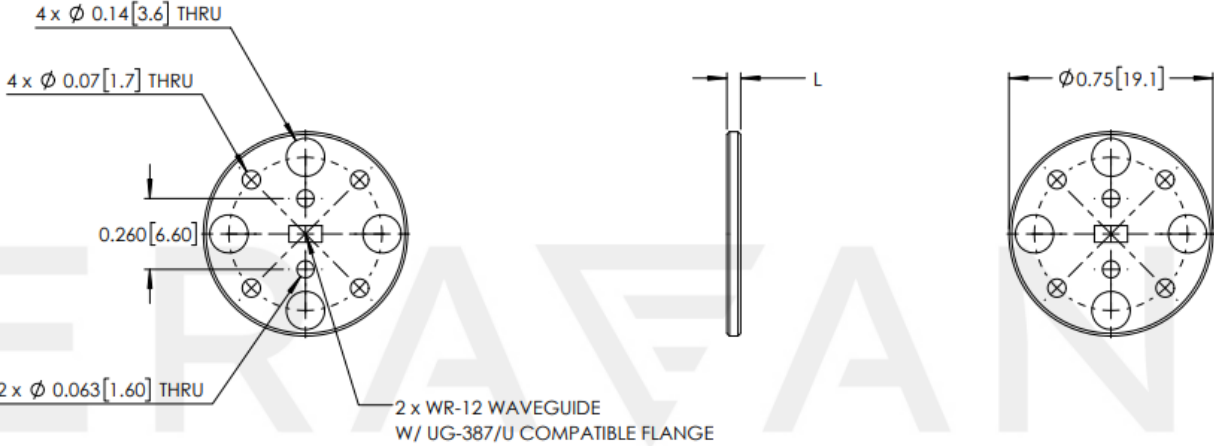
- Module Tuning
- Sub-assemblies
- Mechanical Fitting
- VNA Calibration

#### 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.