



WR-05 Waveguide Open, Fixed

Description:

Model SWO-05-F1 is a fixed waveguide open with a UG-387/U-M flange covering the frequency range from 140 to 220 GHz. The product consists of a waveguide short (model number **SWS-VG-F1**) and a $\frac{1}{4} \lambda g$ waveguide shim (model number **SWI-05021-SB**). The waveguide shim is 0.021" thick offering perfect open at the center frequency of 180 GHz when combined with the waveguide short. The product is manufactured with a precision machining process to ensure high quality and ruggedness. The open offers good reflection in the entire frequency range.



Features:

- Frequency Range: 140 to 220 GHz
- Good Reflectivity
- Instrumentation Grade

Applications:

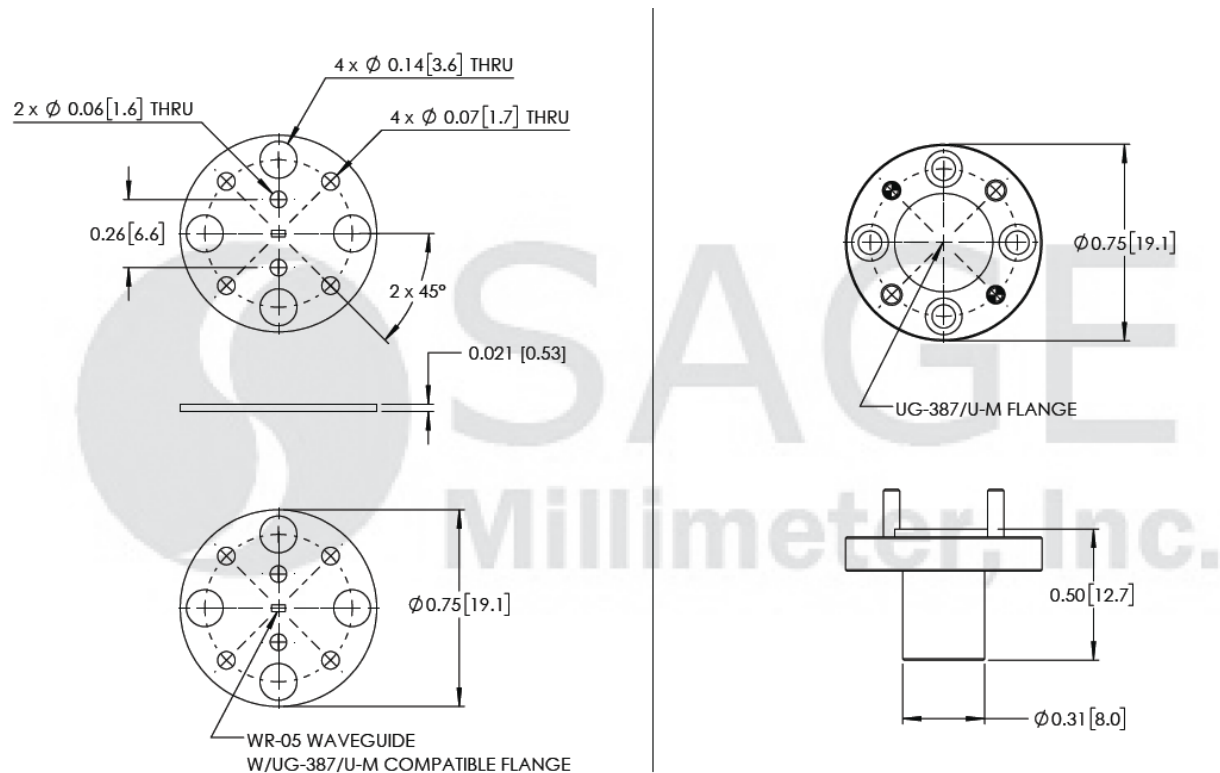
- Test Labs
- Test Instrumentation
- System Calibration

Mechanical Specifications:

Item	Specifications
Waveguide	UG-387/U-M Flange
Waveguide Flange Material	Brass
Finish	Gold Plated
SWI-05021-SB Length	0.021" (L)
Weight	0.4 Oz (SWS-VG-F1) + 0.2 Oz (SWI-05021-SB)
Outline	WO-GF

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



Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.