

SWW-0805-SB-WP

WR-08 Waveguide Bulkhead Adapter

SWW-0805-SB-WP is an F-band waveguide bulkhead adapter with a WR-08 waveguide and UG-387/U-M flanges for applications where panel mount waveguide interfaces are required. The adapter is manufactured with precision EDM machining process to ensure high quality and ruggedness. The adapter is offered to cover the frequency range of 90 to 140 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-08 Waveguide with UG-387/U-M Flange
Insertion Length	0.50"
Material	Brass
Finish	Gold Plated
Weight	1.8 Oz
Outline	WW-FB

ECCN

EAR99

FEATURES

- Frequency Coverage: 90 to 140 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

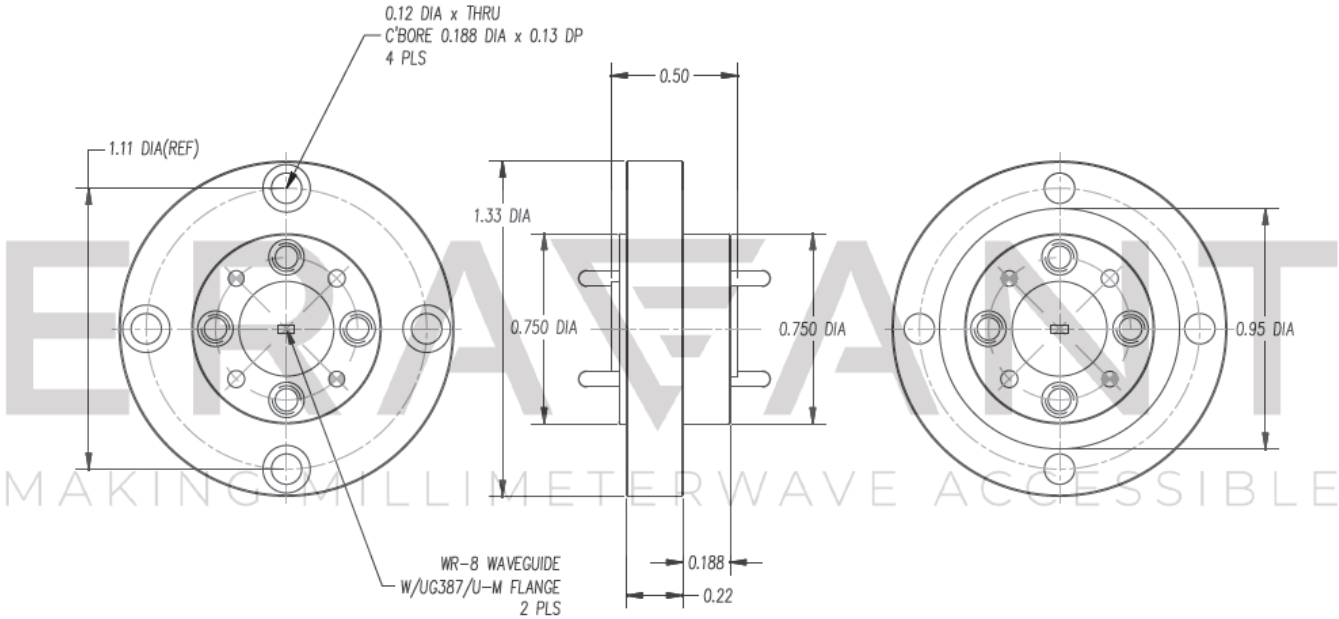
- Test Instrumentations
- Sub-assemblies

SUPPLEMENTAL DETAILS



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



NOTE:

- Eravant reserves the right to change the information presented without notice.

CAUTION:

- Any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.
- For 1 mm connectors proper torque should be applied: 4.0 ± 0.15 inch-pounds (0.45 ± 0.02 Nm). Torque wrench model SCH-06004-S1 is highly recommended.
- For 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm, and SMA connectors proper torque should be applied: 8.0 ± 0.15 inch-pounds (0.90 ± 0.02 Nm). Torque wrench model SCH-08008-S1 is highly recommended.