

SWT-34396-SA

WR-34 to Circular Waveguide Mode Transition, 0.396" Diameter

SWT-34396-SA is a WR-34 to 0.396" diameter circular waveguide mode transition. The mode transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The transition only induces a fraction of a dB insertion loss and offers a return loss of 32 dB or better. The nominal operating frequency is 22 to 33 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-34 Waveguide with UG-1530/U Flange
Waveguide Size	0.396" Diameter Circular Waveguide with UG-1530/U Flange
Material	Aluminum
Finish	Gold Plated
Weight	0.6 Oz
Insertion Length	2.0"
Outline	WT-3C-396

ECCN

EAR99

FEATURES

- Full Band Coverage
- Compact Size
- High Resolution Micrometer
- Low Insertion Loss

APPLICATIONS

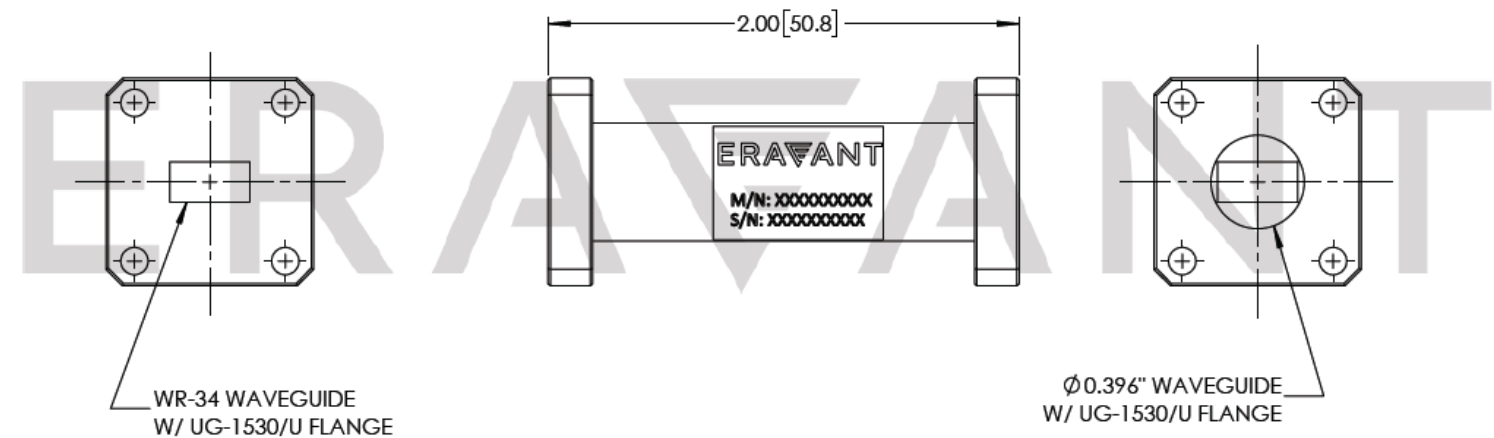
- Test Lab
- Instrumentations
- System Integration

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:

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