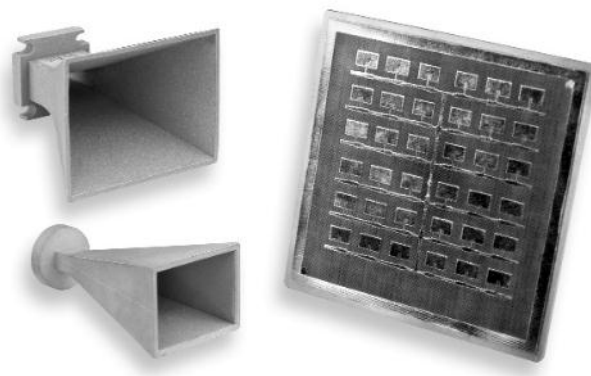


Features

- Low Cost
- Diecast Construction
- Waveguide Mounting
- Small Size

Applications

- Speed Radars
- Radar Decoys
- Intrusion Alarm Systems
- Door Openers
- Object Detection



Description

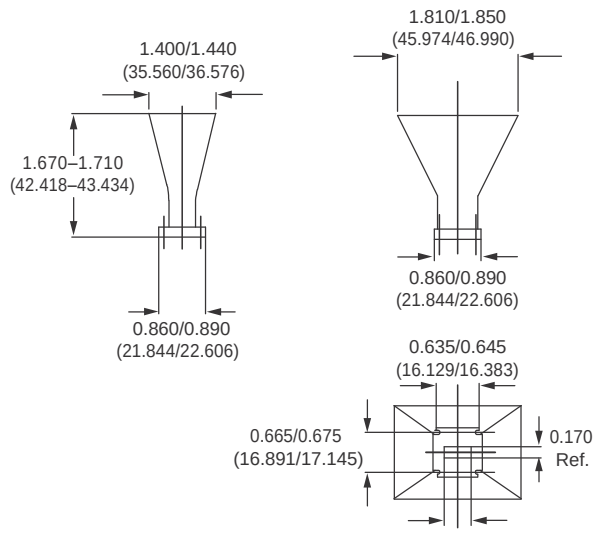
These microwave antennas are designed for commercial applications as a low-cost method for transmitting microwave energy. These antennas utilize high-gain properties and shaped-beam patterns that are suitable for most applications.

Specifications @ 25°C

Model Number	Description	Center Frequency (GHz)	Usable Frequency Range (GHz)	Nominal E-Plane Beamwidth (Deg.)	Nominal H-Plane Beamwidth (Deg.)	Nominal Gain (dB)
X Band Antennas						
MDT86554	Pyramidal Horn Ant.	10.525	8–12	70	30	12
K Band Antennas						
MDT86552	Pyramidal Horn Ant.	24.150	18.0–26.5	20	30	17
MDT5864	Planar Array Ant.	24.125	24.00–24.25	14	14	18
MDT6386 ¹	Pyramidal Horn Ant.	24.150	18.0–26.5	17	29	18

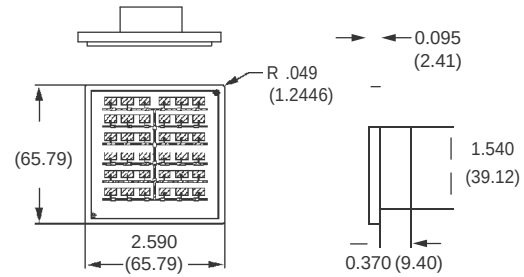
1. With integrated harmonic filter.

MDT86552



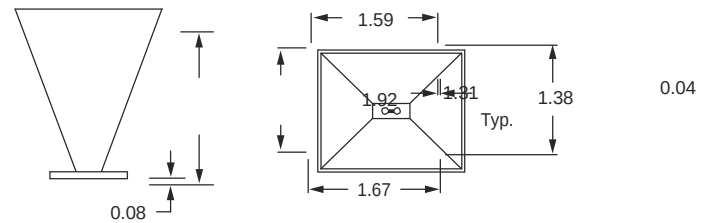
Dimensions are in inches (mm).

MDT5864

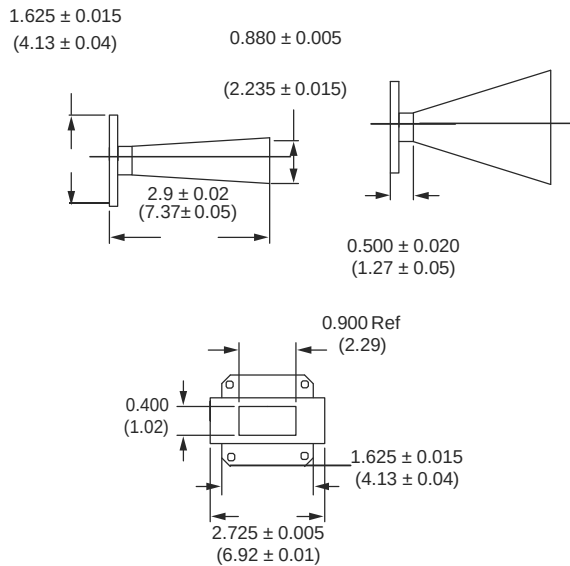


Dimensions are in inches (mm).

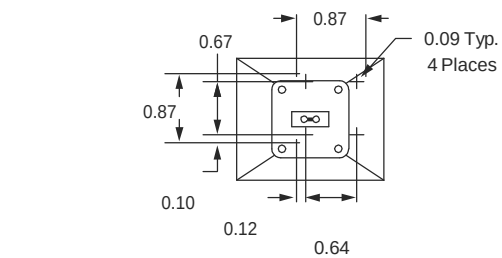
MDT6386



MDT86554



Dimensions are in inches (mm).



Dimensions are in inches.

Mouser Electronics

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