

# QWCA-187-S

## WR-187 to SMA

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency: 3.94~5.99GHz  
 VSWR: 1.15 max.@3.94~5.2GHz  
 1.05 max.@5.2~5.99GHz

### Mechanical

Coax Connectors: SMA  
 Waveguide Size: WR-187  
 Flange: FDP48  
 Material: Aluminium

### Environmental

Operating Temperature: -70~+165°C

### How To Order

**QWCA-187-X-Y-Z**

X : Connector type.

Y : Configuration type.

Z : Flange type if applicable.

Connector naming rules:

S - S Male (Outline A)

SF - S Female (Outline A)

Configuration naming rules:

E - End launch

R - Right angle (Outline A)

Flange naming rules:

1 - FBP

2 - FDP (Outline A)

3 - FBM

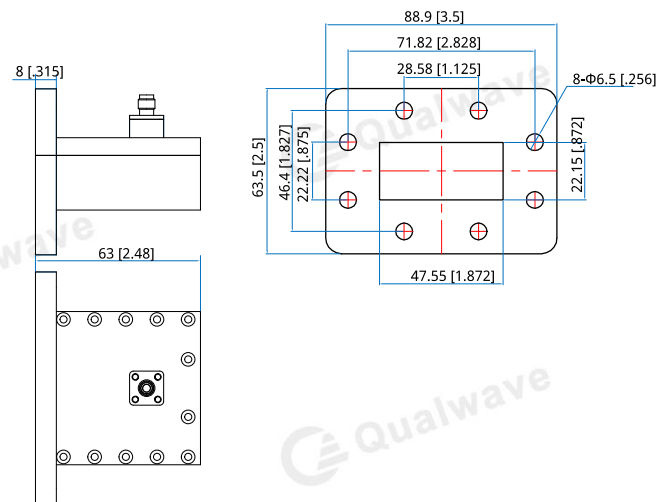
4 - FDM

Examples:

To order a waveguide to coax adapter, WR-187 to SMA female, right angle, FDP, specify QWCA-187-SF-R-2.

Customization is available upon request.

### Outline Drawings



Outline A

Unit: mm [in]

Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]