AeroBase Group

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Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

As-3199b/tsc, antenna; next assembly a3193008, a3273555, a3273573

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.368 inches first flange and 1.376 inches first flange

Flange Inside Height:

0.618 inches first flange and 0.626 inches first flange

Flange Outside Width:

2.670 inches first flange and 2.710 inches first flange

Flange Outside Height:

1.920 inches first flange and 1.960 inches first flange

Flange Depth:

0.480 inches first flange and 0.520 inches first flange

Flange Connecting Hole Diameter:

0.192 inches single flange single connection facility and 0.200 inches single flange single connection facility

Voltage Standing Wave Ratio:

1.05

Waveguide Outside Width:

Between 1.496 inches and 1.504 inches

Waveguide Inside Width:

Between 1.368 inches and 1.374 inches

Waveguide Inside Height:

Between 0.618 inches and 0.626 inches

Waveguide Outside Height:

Between 0.746 inches and 0.754 inches

Waveguide Longer Offset Distance:

4.120 inches

Flange Connecting Facility And Quantity:

8 unthreaded hole single flange single connection facility

Flange Style:

Contact type first flange

Waveguide Offset Distance:

1.750 inches

Product Name:

Waveguide assembly, w1

Specified Frequency:

Between 7.25 gigahertz and 7.75 gigahertz

Special Features:

Second flange, wg (al aly) pn: a3193441-001

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy all tubing segment and flange

Style Designator:

Elbow type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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