

View Online at <https://aerobasegroup.com/nsn/5985-01-500-6522>

Cross Sectional Shape:

Internal, rectangular external, rectangular

End Application:

M3p reu-m, next assembly 3051130 used on an/mst-t (v) ; wsd: radar threat emitter an/mst-t1

Tubing Wall Construction Style:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.854 inches all flanges and 0.846 inches all flanges

Flange Inside Height:

0.479 inches all flanges and 0.481 inches all flanges

Flange Outside Width:

1.485 inches all flanges and 1.515 inches all flanges

Flange Outside Height:

1.485 inches all flanges and 1.515 inches all flanges

Flange Depth:

0.376 inches all flanges and 0.406 inches all flanges

Flange Connecting Hole Diameter:

0.144 inches all flanges all connection facilities and 0.147 inches all flanges all connection facilities

Voltage Standing Wave Ratio:

1.15

Insertion Loss In Decibels:

0.30

Maximum Operating Pressure:

60.0 pounds per square inch gage

Waveguide Outside Width:

0.850 inches

Waveguide Inside Width:

0.750 inches

Waveguide Inside Height:

0.375 inches

Waveguide Outside Height:

0.475 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole all flanges all connection facilities

Flange Style:

Cover type all flanges

Waveguide Length:

Between 19.880 inches and 20.120 inches

Specified Frequency:

Between 10.0 gigahertz and 15.0 gigahertz

Special Features:

Power: peak 124 kw, average 2.1 kw

Flexibility:

Flexible single tubing segment

Material:

Any acceptable all tubing segment and flange

Style Designator:

Straight type

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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