NSN 5985-00-180-4806

Waveguide Assembly - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/5985-00-180-4806

Unable To Decode:

Internal, rectangular double ridged external, rectangular

Thread Class:

2b first flange first connection facility

Thread Direction:

Right-hand first flange first connection facility

Unable To Decode:

Seamless single tubing segment

Flange Quantity:

2

Flange Inside Width:

0.688 inches first flange and 0.693 inches first flange

Flange Inside Height:

0.318 inches first flange and 0.323 inches first flange

Flange Outside Width:

1.358 inches first flange and 1.390 inches first flange

Flange Outside Height:

1.358 inches first flange and 1.390 inches first flange

Flange Depth:

0.235 inches first flange and 0.255 inches first flange

Flange Connecting Hole Diameter:

0.140 inches second flange all connection facilities and 0.154 inches second flange all connection facilities

Voltage Standing Wave Ratio:

1.20

Waveguide Outside Width:

0.791 inches

Thread Size:

0.138 inches first flange first connection facility

Waveguide Inside Width:

Between 0.688 inches and 0.693 inches

Waveguide Inside Height:

Between 0.318 inches and 0.323 inches

Waveguide Outside Height:

0.421 inches

Flange Connecting Facility And Quantity:

4 threaded hole first flange first connection facility

Unable To Decode:

Contact, double ridge type first flange

Special Features:

2nd flange pressurized furnished w/ rf/ pressure seal and 0.625 in. Lg screw and lockwasher for ea mtg hole

Flexibility:

Rigid single tubing segment

NSN 5985-00-180-4806

Waveguide Assembly - Page 2 of 2



Material:

Aluminum alloy single tubing segment and flange

Surface Treatment:

Chromate single tubing segment and flange all surfaces

Supplementary Features:

Marked w/arrow and letters aft

Thread Series Designator:

Unc first flange first connection facility

Shelf Life:

N/a

Unit Of Measure:

Demilitarization:

Yes - demil/mli

Fiig:

A073a0