

View Online at <https://aerobasegroup.com/nsn/5985-01-503-1526>

Cross Sectional Shape:

Internal, rectangular external, rectangular

Thread Class:

2b second flange single connection facility

Thread Direction:

Right-hand second flange single connection facility

Bend Angle In Deg:

90.0 single bend h-plane

End Application:

Next assembly 43140-00341-1 used on an/spn-35c; wsd: radar and iff system

Tubing Wall Construction Style:

Seamless all tubing segment

Flange Quantity:

2

Flange Inside Width:

1.252 inches first flange and 1.258 inches first flange

Flange Inside Height:

0.627 inches first flange and 0.633 inches first flange

Flange Outside Width:

1.860 inches second flange and 1.890 inches second flange

Flange Outside Height:

1.860 inches second flange and 1.890 inches second flange

Flange Depth:

0.610 inches second flange and 0.640 inches second flange

Flange Connecting Hole Diameter:

0.169 inches first flange single connection facility and 0.172 inches first flange single connection facility

Waveguide Outside Width:

1.250 inches

Thread Size:

0.164 inches second flange single connection facility

Waveguide Inside Width:

1.122 inches

Waveguide Inside Height:

0.497 inches

Waveguide Outside Height:

0.625 inches

Waveguide Longer Offset Distance:

Between 2.970 inches and 3.030 inches

Flange Connecting Facility And Quantity:

4 unthreaded hole first flange single connection facility

Flange Style:

Cover type first flange

Waveguide Offset Distance:

Between 1.520 inches and 1.580 inches

Specified Frequency:

Between 7.05 gigahertz and 10.00 gigahertz

Special Features:

Average prf: 2500 hz; peak power: 200kw max; long leg has cover style flange

Flexibility:

Rigid all tubing segment

Material:

Aluminum alloy 6061 all tubing segment and flange

Style Designator:

Bend type

Thread Series Designator:

Unc second flange single connection facility

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

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