

View Online at <https://aerobasegroup.com/nsn/5996-01-084-1581>

Overall Length:

1.250 inches

Overall Height:

1.250 inches

Overall Width:

0.800 inches

Operating Temperature Range:

-55.0/+95.0 degrees celsius

Cubic Measure:

1.250 cubic inches

Average Life Measurement:

Not rated

Basic Shape Style:

Rectangular or square

Maximum Operating Altitude Rating:

14000.0 feet

Inclosure Type:

Encased

Operating Control Method:

Automatic

Installation Design:

Mechanical

Circuit Construction Type:

Solid state

Frequency Per Channel:

475.0 megahertz operating channel and 610.0 megahertz operating channel

Overall Gain:

17.0 decibels

Impedance Rating Per Channel:

50.000 ohms operating channel

Connection Type And Location:

Dish, sherbet threaded internal and dish, sherbet yoke

Connection Contact Type And Quantity:

2 hyperboloid threaded male

External Dc Operating Voltage In Volts:

15.0 single voltage

Special Features:

Connector housing material shall be cres per qq-s-764, cl 303, cond a, passivated finish; mating dim. Per mil-c-39012

Special Test Features:

Govt source inspections reqd to include 50-hr burn-in at pos 90 degrees c and final elec tests performed by mfr on a 100 pct basis

Supplementary Features:

Input dc power pos 15v (porm 5 pct), 30 ma max; output power at 1 db gain compression pos 10 db referred to 1 mw min

Fsc Application Data:

Synthesizer assembly 131120-100

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A32200