

View Online at <https://aerobasegroup.com/nsn/5960-01-341-9291>

End Application:

Application data: amplifier assembly, power supply assembly fleet electronic warfare support group peculiar equip

Identifying Number:

1451693-1 specification no.

Tube Type:

Traveling wave

Frequency Range:

Between 8.00 gigahertz and 17.00 gigahertz

Special Features:

Controlling agency: american electronic labs inc; mfr. Classification: i and j band; envelope material: aluminum alloy; focus electrode provided; voltage for 60 db reduction of rf signal: 1500v nom, below the cathode voltage; oper. Voltage: minus 20 to minus 50 v; thermal switch normally closed and used to protect the tube from operation w/ excessive collector temp; contact rating is dry circuit oper. Or 0.5 amp resistive a 28vdc; min op. Temp 168c; ambient air op. Temp minus 54 to 100 c; oper. Chillplate 95c max; tube is capable of performing at relative humidity varying from 5 to 100 pct including condensation at any temp. Up to 50c; min. Op. Life 5000 hrs; rf power 450w; cathode current 300ma max; filament voltage 6.1 to 6.5 vrms; filament warm-up time 13.0 min.; total dc input power 1205w max

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fiig:

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