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**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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