## NSN 4520-00-432-1552

Nonimmersion Type Electrical Heating Element - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/4520-00-432-1552

Mounting	Method	Style:

Axial stud type mounting facility

**Body Style:** 

Tubular, threaded

**Terminal Quantity:** 

2

**Overall Length:** 

Between 16.250 inches and 16.360 inches

**Element Radiation Specificationtrum:** 

Noninfrared

**Element Connection Style:** 

Wire lead w/terminal lug

**Terminal Length:** 

Between 8.250 inches and 8.750 inches

**Mounting Facility Length:** 

Between 0.540 inches and 0.580 inches

**Outside Diameter:** 

Between 0.310 inches and 0.320 inches

**Heat Quantity:** 

1

Length:

Between 15.690 inches and 15.810 inches

**Maximum Wattage Rating In Watts:** 

598.5 single voltage or 661.5 single voltage

**Element Quantity:** 

1

**Thread Size:** 

0.438 inches mounting facility

**Thread Quantity:** 

28.0 per inch mounting facility

**Criticality Code Justification:** 

Feat and test and spcl

**Voltage In Volts And Current Type:** 

114.0 ac single voltage or 126.0 ac single voltage

Phase:

Single single voltage

**Special Features:** 

Terminal length, glass sleeve insulation 0.380 in. Min Ig, 0.620 in. Maximum Ig located at axial stud end

Frequency In Hertz:

60.0

Material:

Manganese resistance wire and nickel resistance wire

# NSN 4520-00-432-1552

Nonimmersion Type Electrical Heating Element - Page 2 of 2



### **Special Test Features:**

Terminal lugs shall accept 0.250 by 0.032 in. Male tabs and have a 5 lb extraction force after sixth extraction

#### **Test Data Document:**

97403-13216e6124 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

### **Thread Series Designator:**

Unef mounting facility

**Specification Or Standard:** 

4 type

Shelf Life:

N/a

**Unit Of Measure:** 

--

Demilitarization:

No

Fiig:

A01900