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