# NSN 5962-01-369-9716

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#### **Body Length:**

Between 1.040 inches and 1.060 inches

### Body Width:

Between 1.040 inches and 1.060 inches

# **Body Height:**

Between 0.090 inches and 0.110 inches

## Maximum Power Dissipation Rating:

1.7 watts

#### **Operating Tempurature Range:**

-55.0/+125.0 degrees celsius

#### Storage Tempurature Range:

-65.0/+150.0 degrees celsius

#### End Application:

Weapon system processor

#### **Features Provided:**

Hermetically sealed and burn in, mil-std-883, class b and electrostatic sensitive and radiation hardened and tested to mil-std-883

#### Inclosure Material:

Ceramic

# Inclosure Configuration:

Leaded chip carrier

### **Output Logic Form:**

Complementary-metal oxide-semiconductor logic

#### Criticality Code Justification:

Feat

#### **Design Function And Quantity:**

1 control

#### **Terminal Surface Treatment:**

Solder

#### **Product Name:**

Microcircuit, digital-application specific, very large scale integration (vlsi), cmos (bci3)

#### Voltage Rating And Type Per Characteristic:

4.5 volts total supply and 5.5 volts total supply

#### **Special Features:**

Esd; hci; an nmos bci3 specified in drawing g405245 is pin for pin compatible with this cmos version, both specifications should be referenced when performing module design and layout

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

96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

# Terminal Type And Quantity:

144 beam lead

## Shelf Life:

N/a

## Unit Of Measure:

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# Demilitarization:

Yes - demil/mli

Fiig:

A458a0

