

View Online at <https://aerobasegroup.com/nsn/5962-01-633-8394>

**liilength:**

4.5 millimeters

**liiheight:**

1.5 millimeters

**Operating Tempurature Range:**

-40.0 to 85.0 degrees celsius

**Storage Tempurature Range:**

-55.0 to 150.0 degrees celsius

**Features Provided:**

Electrostatic sensitive

**Inclosure Configuration:**

Dual-in-line

**Output Logic Form:**

Transistor coupled logic

**Design Function And Quantity:**

1 amplifier, buffer

**Terminal Surface Treatment:**

Gold and nickel

**Product Name:**

Ingap hbt gain block

**Voltage Rating And Type Per Characteristic:**

6.0 volts total supply

**Special Features:**

Rohs compliant, lead and halogen free; item consists of darlington pair amplifiers using the high reliability ingap/gaas hbt process technology and only requires dc-blocking capacitors, a bias resistor and an inductive rf choke for operation

**Precious Material And Location:**

Contacts gold and contacts palladium

**Precious Material:**

Gold and palladium

**Terminal Type And Quantity:**

4 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fiig:**

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