

View Online at <https://aerobasegroup.com/nsn/5961-01-212-8023>

**Inclosure Material:**

Ceramic and metal

**Overall Length:**

0.900 inches

**Overall Height:**

0.280 inches

**Overall Width:**

0.735 inches

**End Application:**

Satellite communications set, an/wsc- (v) 9

**Component Name And Quantity:**

2 transistor

**Mounting Method:**

Press fit

**Features Provided:**

Hermetically sealed case

**Semiconductor Material:**

Silicon all transistor

**Voltage Rating In Volts Per Characteristic:**

60.0 breakdown voltage, collector-to-emitter, with base short-circuited to emitter all transistor and 32.0 breakdown voltage, collector-to-emitter, base open all transistor and 4.0 breakdown voltage, emitter-to-base, collector open all transistor

**Current Rating Per Characteristic:**

7.00 amperes source cutoff current all transistor

**Power Rating Per Characteristic:**

270.0 watts small-signal input power, common-collector preset all transistor

**Transfer Ratio:**

100.0 static forward current transfer ratio, common-emitter all transistor

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Special Features:**

Ceramic case contains beryllium oxide - handle and dispose iaw hazmat procedures; transistor junction pattern arrangement: npn

**Precious Material And Location:**

Leads gold

**Precious Material:**

Gold

**Test Data Document:**

00724-20-00942 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).

**Terminal Type And Quantity:**

8 ribbon

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

Yes - demil/mli

**Fig:**

A110a0