

View Online at <https://aerobasegroup.com/nsn/5962-01-381-4977>

**Body Length:**

Between 1.138 inches and 1.162 inches

**Body Width:**

Between 1.138 inches and 1.162 inches

**Body Height:**

Between 0.073 inches and 0.087 inches

**Maximum Power Dissipation Rating:**

32.0 milliwatts

**Operating Temperature Range:**

-55.0/+125.0 degrees celsius

**Storage Temperature Range:**

-65.0/+150.0 degrees celsius

**End Application:**

Milstar

**Features Provided:**

Burn in, mil-std-883, class b and synchronous and asynchronous and electrostatic sensitive and hermetically sealed and monolithic and radiation hardened and selected item and tested to mil-std-883 and programmable

**Inclosure Material:**

Ceramic

**Inclosure Configuration:**

Flat pack

**Output Logic Form:**

Complementary-metal oxide-semiconductor logic

**Criticality Code Justification:**

Feat

**Design Function And Quantity:**

1 receiver and 1 transmitter

**Terminal Surface Treatment:**

Solder

**Product Name:**

Microcircuit, digital-lsi usart, cmos

**Voltage Rating And Type Per Characteristic:**

-0.5 volts total supply and 7.0 volts total supply and -0.5 volts input and 0.5 volts input

**Time Rating Per Characteristic:**

57.00 nanoseconds propagation delay

**Special Features:**

lesd; hci; this original source control drawing lists approved source of 49945 rb296-p48b (86 lists rb296048aabm), which should be a selected item drawing due to hci requirements; similiar to generic 8251a

**Test Data Document:**

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

**Terminal Type And Quantity:**

42 flat leads

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

Yes - demil/mli

**Fig:**

A458a0