

View Online at <https://aerobasegroup.com/nsn/5962-01-381-4957>

Body Length:

Between 1.140 inches and 1.160 inches

Body Width:

Between 1.140 inches and 1.160 inches

Body Height:

Between 0.080 inches and 0.100 inches

Maximum Power Dissipation Rating:

3.3 watts

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 electrostatic sensitive and hermetically sealed and monolithic and radiation hardened and selected item and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Pin grid array

Output Logic Form:

Hi-performance mos

Criticality Code Justification:

Feat

Design Function And Quantity:

1 microprocessor

Case Outline Source And Designator:

P-ac mil-m-38510

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, digital-microprocessor 16-bit, with memory management and protection

Voltage Rating And Type Per Characteristic:

-1.0 volts power source and 7.0 volts power source

Special Features:

Wesd; hci; 6 mhz clock; this original source control drawing lists approved source of 34649 (intel) which also lists 67268 5962-8514802xx (which is 81349 m38510/53501bxx) which should be a selected item drawing due to hci requirements

Test Data Document:

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

Terminal Type And Quantity:

68 pin

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fig:

A458a0