

View Online at <https://aerobasegroup.com/nsn/5962-01-374-0047>

Body Length:

Between 0.820 inches and 0.860 inches

Body Width:

Between 0.290 inches and 0.330 inches

Body Height:

Between 0.180 inches and 0.220 inches

Maximum Power Dissipation Rating:

250.0 milliwatts

Operating Temperature Range:

-55.0/+125.0 degrees celsius

Storage Temperature Range:

-65.0/+150.0 degrees celsius

End Application:

Milstar

Features Provided:

Electrostatic sensitive and double balanced and monolithic and radiation hardened and tested to mil-std-883

Inclosure Material:

Ceramic

Inclosure Configuration:

Dual-in-line

Input Circuit Pattern:

8 input

Criticality Code Justification:

Feat

Design Function And Quantity:

1 modulator, regulator pulse width

Case Outline Source And Designator:

D-2 mil-m-38510

Current Rating Per Characteristic:

200.00 microamperes average forward current averaged over a full 60-hz cycle not applicable

Terminal Surface Treatment:

Solder

Product Name:

Microcircuit, linear pulse width modulator; microcircuits, linear, regulating pulse-width modulator, monolithic silicon

Voltage Rating And Type Per Characteristic:

8.0 volts input and 30.0 volts input

Special Features:

Hci, esd, this item is the qpl for 81349-m38510/12602bea; output current is expressed in min/max

Test Data Document:

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

Terminal Type And Quantity:

16 printed circuit

Specification Data:

81349--38510/12602 government standard

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

No

Fiig:

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