NSN 5962-01-352-0999

Memory Microcircuit - Page 1 of 2

Overall Height: 0.400 inches Body Length: 1.280 inches



View Online at https://aerobasegroup.com/nsn/5962-01-352-0999

Between 0.220 inches and 0.310 inches Body Height: Between 0.140 inches and 0.185 inches Maximum Power Dissipation Rating: 1.0 walts Operating Tempurature Range: -55.01-125.0 degrees celsius Storage Tempurature Range: -65.01-150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 millillamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -6.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document: 96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).	Body Width:
Between 0.140 inches and 0.185 inches Maximum Power Dissipation Rating: 1.0 watts Operating Tempurature Range: -55.0/+125.0 degrees celsius Storage Tempurature Range: -65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chareteristic: 5.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Between 0.220 inches and 0.310 inches
Maximum Power Dissipation Rating: 1.0 watts Operating Tempurature Range: -55.0/+125.0 degrees celsius Storage Tempurature Range: -65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Characteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Body Height:
1.0 watts Operating Tempurature Range: -55.0/+125.0 degrees celsius Storage Tempurature Range: -65.0/+126.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 5.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Between 0.140 inches and 0.185 inches
Operating Tempurature Range: -55.0/+125.0 degrees celsius Storage Tempurature Range: -65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 5.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Characteristic: 5.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Maximum Power Dissipation Rating:
-55.0/+125.0 degrees celsius Storage Tempurature Range: -65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	1.0 watts
Storage Tempurature Range: -65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: 6.05 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Operating Tempurature Range:
-65.0/+150.0 degrees celsius End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mill-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	-55.0/+125.0 degrees celsius
End Application: Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Storage Tempurature Range:
Radar set an/sps-4 (v) 7 Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Soider Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	-65.0/+150.0 degrees celsius
Features Provided: Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	End Application:
Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Radar set an/sps-4 (v) 7
Inclosure Material: Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Characteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Features Provided:
Ceramic Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Hermetically sealed and burn in and monolithic and programmed and ultraviolet erasable
Inclosure Configuration: Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Inclosure Material:
Dual-in-line Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Ceramic
Output Logic Form: Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Inclosure Configuration:
Complementary-metal oxide-semiconductor logic Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Dual-in-line
Input Circuit Pattern: 14 input Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Output Logic Form:
Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Complementary-metal oxide-semiconductor logic
Case Outline Source And Designator: D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Input Circuit Pattern:
D-9 mil-m-38510 Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	14 input
Current Rating Per Characteristic: 80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Case Outline Source And Designator:
80.00 milliamperes reverse current, dc absolute Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	D-9 mil-m-38510
Terminal Surface Treatment: Solder Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Current Rating Per Characteristic:
Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	80.00 milliamperes reverse current, dc absolute
Voltage Rating And Type Per Characteristic: -0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Terminal Surface Treatment:
-0.5 volts power source and 7.0 volts power source Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Solder
Capitance Rating Per Characteristic: 6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Voltage Rating And Type Per Characteristic:
6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	-0.5 volts power source and 7.0 volts power source
Time Rating Per Chacteristic: 55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	Capitance Rating Per Characteristic:
55.00 nanoseconds delay Memory Device Type: Eprom Test Data Document:	6.00 input pascal industrial light tank stock and 12.00 output pascal industrial light tank stock
Memory Device Type: Eprom Test Data Document:	Time Rating Per Chacteristic:
Eprom Test Data Document:	55.00 nanoseconds delay
Test Data Document:	Memory Device Type:
	Eprom
96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).	Test Data Document:
	96906-mil-std-883 standard (includes industry or association standards, individual manufactureer standards, etc.).

NSN 5962-01-352-0999

Memory Microcircuit - Page 2 of 2



Terminal Type	And	Quantity:
---------------	-----	-----------

24 printed circuit

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

Yes - demil/mli

Fiig:

A458a0