## NSN 5961-01-104-7522

Transistor - Page 1 of 2



Inclosure Material: Metal  Overall Length: 1.573 inches  Terminal Length: Between 0.312 inches and 0.500 inches  Overall Melght: Between 0.350 inches and 0.500 inches  Overall Melght: Between 0.350 inches and 0.500 inches  Overall Width: 1.505 inches  Mounting Facility Quantity: 2  Internal Configuration: Junction coniact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unithreaded hole  Semiconductor Material: Silicon  Voltage Rating in Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Maximum Operating Tempurature Per Moasurement Point: 200.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 201.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 202.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 203.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 204.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 205.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 206.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 207.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 208.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 209.0 degrees celsius junction  Special Features:  Maximum Operating Tempurature Per Moasurement Point: 200.0 degrees celsius junction  Special Features:  Ma	View Online at https://aerobasegroup.com/nsn/5961-01-104-7522
Overall Length: 1.573 Inches Terminal Length: Between 0.372 inches and 0.500 Inches Overall Height: Between 0.350 inches and 0.300 Inches Overall Height: 1.050 Inches Mounting Facility Quantity: 2 Internal Configuration: Junction contact Electrode Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: 81.50 amperes source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: 11.5.0 waits small-signal input power, common-collector preset Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: rpn Test Data Document: 81.349-mil-s-19500 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: 1 case and 2 pin Specification Data: 81.349-mil-s-19500/456 government specification Sheff Life: No	Inclosure Material:
1.573 inches Terminal Length: Between 0.312 inches and 0.500 inches Overall Height: Between 0.250 inches and 0.360 inches Overall Width: 1.050 inches Mounting Facility Quantity: 2 Internal Configuration: Junction contact Electrode Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/statio/emitter open and 80.0 collector to emitter voltage/statio/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 81349-mil-a-19500 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: 1 case and 2 pin Specification Data: 81349-mil-a-19500/456 government specification Sheff Life: No	Metal
Terminal Length: Between 0.312 inches and 0.500 inches Overall Height: Between 0.250 inches and 0.360 inches Overall Width: 1.050 inches Mounting Facility Quantity: 2 Internal Configuration: Junction contact Electrode Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector paners source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin Specification Data: 81349-mil-s-19500/456 government specification Sheff Life: N/a	Overall Length:
Between 0.312 inches and 0.500 inches  Overall Width: 1.050 inches  Mounting Facility Quantity: 2  Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: 815 owatts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 20.0 degrees celsius junction  Special Features: Unoction pattern arrangement: npn  Test Data Document: 81349-mill-s-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data on certain environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Terminal Type And Quantity: 1 case and 2 pin  Specification Data: 81349-mill-s-19500/456 government specification Sheft Life: N/a	1.573 inches
Overall Height: Between 0.250 inches and 0.360 inches Overall Wildth: 1.050 inches Mounting Facility Quantity: 2 Internal Configuration: Junction contact Between 0.250 inches Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: 80.0 collector to passe voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: 81.50 watts small-signal input power, common-collector preset Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 81.349-mill-s-19500 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: 1 case and 2 pin Specification Data: 81.349-mil-s-19500/456 government specification Shelf Lite: N/a	Terminal Length:
Between 0.250 inches and 0.360 inches  Overall Width: 1.050 inches  Mounting Facility Quantity: 2  Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole  Semiconductor Material: Silicon  Voltage Rating in Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: 81.50 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81.349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification Shelf Life: N/a	Between 0.312 inches and 0.500 inches
Overall Width:  1.050 inches  Mounting Facility Quantity:  2  Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 131:349-mils-s19500 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: 1 case and 2 pin Specification Data: 131:439-mils-19500/456 government specification Shelf Life: N/a	Overall Height:
Mounting Facility Quantity: 2 Internal Configuration: Junction contact Electrode Internally-electrically Connected To Case: Collector Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 81349-mils-s19500 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: 1 case and 2 pin Specification Data: 81349-mils-s19500/456 government specification Shelf Life: N/a	Between 0.250 inches and 0.360 inches
Mounting Facility Quantity:  Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole  Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 waits small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mils-19500 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: 1 case and 2 pin  Specification Data: 81349-mils-19500/456 government specification Shelf Life: N/a	Overall Width:
Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole Semiconductor Material: Silicon  Voltage Rating in Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification Shelf Life: N/a	1.050 inches
Internal Configuration: Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: 815.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification Sheft Life: N/a	Mounting Facility Quantity:
Junction contact  Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole  Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	2
Electrode Internally-electrically Connected To Case: Collector  Mounting Method: Unthreaded hole Semiconductor Material: Sillicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification Shelf Life: N/a	Internal Configuration:
Collector  Mounting Method: Unthreaded hole  Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	Junction contact
Mounting Method: Unthreaded hole Semiconductor Material: Silicon Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction Special Features: Junction pattern arrangement: npn Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin Specification Data: 81349-mil-s-19500/456 government specification Shelf Life: N/a	Electrode Internally-electrically Connected To Case:
Unthreaded hole  Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	Collector
Semiconductor Material: Silicon  Voltage Rating In Volts Per Characteristic: 80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic: Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic: 115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features: Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	Mounting Method:
Silicon  Voltage Rating In Volts Per Characteristic:  80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic:  Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Unthreaded hole
Voltage Rating In Volts Per Characteristic:  80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic:  Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Semiconductor Material:
80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage, static, collector open  Current Rating Per Characteristic:  Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Silicon
static, collector open  Current Rating Per Characteristic:  Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Voltage Rating In Volts Per Characteristic:
Current Rating Per Characteristic:  Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	80.0 collector to base voltage/static/emitter open and 80.0 collector to emitter voltage/static/base open and 5.0 emitter to base voltage,
Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current  Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	static, collector open
Power Rating Per Characteristic:  115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Current Rating Per Characteristic:
115.0 watts small-signal input power, common-collector preset  Maximum Operating Tempurature Per Measurement Point: 200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document: 81349-mil-s-19500 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: 1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	Between 7.50 amperes source cutoff current and 20.00 amperes source cutoff current
Maximum Operating Tempurature Per Measurement Point:  200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:	Power Rating Per Characteristic:
200.0 degrees celsius junction  Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	115.0 watts small-signal input power, common-collector preset
Special Features:  Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Maximum Operating Tempurature Per Measurement Point:
Junction pattern arrangement: npn  Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	200.0 degrees celsius junction
Test Data Document:  81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Special Features:
81349-mil-s-19500 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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Junction pattern arrangement: npn
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:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	Test Data Document:
environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).  Terminal Type And Quantity:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	81349-mil-s-19500 specification (includes engineering type bulletins, brochures, etc., that reflect specification type data in specification
Terminal Type And Quantity:  1 case and 2 pin  Specification Data:  81349-mil-s-19500/456 government specification  Shelf Life:  N/a	format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain
1 case and 2 pin  Specification Data: 81349-mil-s-19500/456 government specification  Shelf Life: N/a	environmental and performance requirements and test conditions that are shown as "typical", "average", "", etc.).
Specification Data: 81349-mil-s-19500/456 government specification Shelf Life: N/a	Terminal Type And Quantity:
81349-mil-s-19500/456 government specification  Shelf Life: N/a	1 case and 2 pin
Shelf Life: N/a	Specification Data:
N/a	81349-mil-s-19500/456 government specification
	Shelf Life:
Unit Of Measure:	N/a
	Unit Of Measure:

N

Demilitarization:

## **NSN 5961-01-104-7522** Transistor - Page 2 of 2



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