

View Online at <https://aerobasegroup.com/nsn/5961-01-482-4631>

**Inclosure Material:**

Metal

**Overall Length:**

Between 0.160 inches and 0.180 inches

**Terminal Length:**

Between 0.500 inches and 0.750 inches

**Overall Diameter:**

Between 0.340 inches and 0.370 inches

**Mounting Facility Quantity:**

1

**Internal Configuration:**

Field effect

**Mounting Method:**

Terminal

**Features Provided:**

Radiation hardened

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

200.0 drain to gate voltage and 200.0 drain to source voltage and 2.0 gate to source threshold voltage and 4.0 gate to source threshold voltage

**Current Rating Per Characteristic:**

5.50 amperes source current and 22.00 amperes off-state current, peak

**Power Rating Per Characteristic:**

25.0 watts average on-state power dissipation

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius case

**Special Features:**

Electrostatic discharge sensitive and radiation hardened

**Nuclear Hardness Critical Feature:**

Hardened

**Test Data Document:**

81349-mil-prf-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:**

3 pin

**Specification Data:**

81349-mil-prf-19500/601 professional/industrial association specification

**Shelf Life:**

N/a

**Unit Of Measure:**

**Demilitarization:**

No

**Fig:**

A110a0

**Mil-std (military Standard):**

Mil-prf-19500 spec.