

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.