

View Online at <https://aerobasegroup.com/nsn/5961-01-352-3480>

**Inclosure Material:**

Metal

**Overall Length:**

1.573 inches

**Overall Height:**

Between 0.250 inches and 0.360 inches

**Overall Width:**

1.050 inches

**End Application:**

Satellite communications terminal an/usc-38 (v)1

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Field effect

**Joint Electronic Device Engineering Council/jedec/case Outline Designation:**

To-3

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case and electrostatic sensitive

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 drain to gate voltage and 100.0 drain to source voltage and 20.0 gate to source voltage

**Current Rating Per Characteristic:**

56.00 amperes off-state current, peak

**Power Rating Per Characteristic:**

75.0 watts total power dissipation

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius ambient air

**Special Features:**

Nuclear hardness critical item

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fig:**

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