

View Online at <https://aerobasegroup.com/nsn/5961-01-364-2649>

**Inclosure Material:**

Metal

**Overall Length:**

1.563 inches

**Terminal Length:**

0.406 inches

**Overall Height:**

0.350 inches

**Overall Width:**

0.820 inches

**Mounting Facility Quantity:**

2

**Internal Configuration:**

Field effect

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

To-204ae

**Mounting Method:**

Unthreaded hole

**Features Provided:**

Hermetically sealed case and radiation hardened

**Criticality Code Justification:**

Feat

**Semiconductor Material:**

Silicon

**Voltage Rating In Volts Per Characteristic:**

100.0 drain to source voltage and 100.0 drain to gate voltage

**Current Rating Per Characteristic:**

38.00 amperes forward current, average watts

**Power Rating Per Characteristic:**

150.0 watts small-signal input power, common-collector preset

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius ambient air

**Special Features:**

Nuclear hardness critical item

**Nuclear Hardness Critical Feature:**

Hardened

**Terminal Type And Quantity:**

2 pin and 1 case

**Shelf Life:**

N/a

**Unit Of Measure:**

--

**Demilitarization:**

No

**Fig:**

A110a0