

View Online at <https://aerobasegroup.com/nsn/5961-01-092-6580>

Inclosure Material:

Metal

Overall Length:

1.573 inches

Overall Height:

0.450 inches

Overall Width:

0.875 inches

End Application:

Strategic weapon systems (poseidon and trident); nimitz class cvn; aircraft, galaxy c-5; usns stalwart class tagos; integrated underwater surveillance systems; forrestal class cv; missile, air launch cruise (alcm) agm-86b

Mounting Facility Quantity:

2

Internal Configuration:

Junction contact

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

To-3

Electrode Internally-electrically Connected To Case:

Collector

Mounting Method:

Unthreaded hole

Features Provided:

Hermetically sealed case

Criticality Code Justification:

Feat

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

100.0 breakdown voltage, collector-to-base, emitter open and 80.0 breakdown voltage, collector-to-emitter, base open and 7.0 breakdown voltage, emitter-to-base, collector open

Current Rating Per Characteristic:

Between 7.00 amperes source cutoff current and 15.00 amperes source cutoff current

Power Rating Per Characteristic:

150.0 watts small-signal input power, common-collector

Maximum Operating Temperature Per Measurement Point:

200.0 degrees celsius junction

Special Features:

Weapon system essential; junction pattern arrangement: npn

Terminal Type And Quantity:

1 case and 2 pin

Specification Data:

80131-release6314 professional/industrial association specification

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fig:

A110a0