

View Online at <https://aerobasegroup.com/nsn/5961-01-092-8208>

Inclosure Material:

Metal

Overall Length:

1.646 inches

End Application:

E-3a awacs aircraft

Mounting Facility Quantity:

1

Internal Configuration:

Junction contact

Mounting Method:

Threaded stud

Features Provided:

Hermetically sealed case

Overall Width Across Flats:

0.556 inches

Thread Size:

0.250 inches

Criticality Code Justification:

Feat

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

100.0 repetitive peak reverse voltage and 150.0 nonrepetitive peak reverse voltage and 100.0 repetitive peak off-state voltage

Current Rating Per Characteristic:

35.00 amperes forward current, total rms horsepower metric

Power Rating Per Characteristic:

5.0 watts small-signal input power, common-collector blank

Maximum Operating Temperature Per Measurement Point:

125.0 degrees celsius ambient air

Special Features:

Weapon system essential; junction pattern arrangement: pnpn

Test Data Document:

97942-584r271 drawing (this is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard or other document that may be referenced in a basic governing drawing)

Thread Series Designator:

Unf

Terminal Type And Quantity:

1 threaded stud and 2 tab, solder lug

Shelf Life:

N/a

Unit Of Measure:

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Demilitarization:

Yes - demil/mli

Fig:

A110a0