

View Online at <https://aerobasegroup.com/nsn/5961-01-339-4247>

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 0.335 inches and 0.370 inches

Function For Which Designed:

Rectifier

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

To-205af

Electrode Internally-electrically Connected To Case:

Cathode

Mounting Method:

Terminal

Semiconductor Material:

Silicon

Voltage Rating In Volts Per Characteristic:

54.0 nonrepetitive peak reverse voltage and 45.0 working peak reverse voltage and 45.0 repetitive peak reverse voltage and 45.0 reverse voltage, instantaneous

Current Rating Per Characteristic:

3.60 amperes forward current, average absolute and 80.00 amperes forward current, average preset

Maximum Operating Temperature Per Measurement Point:

175.0 degrees celsius ambient air

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:

2 uninsulated wire lead

Shelf Life:

N/a

Unit Of Measure:

--

Demilitarization:

No

Fiig:

A110a0

Mil-std (military Standard):

Mil-prf-19500 spec.