

View Online at <https://aerobasegroup.com/nsn/5961-01-627-8269>

**Inclosure Material:**

Plastic

**Overall Length:**

Between 54.86 millimeters and 56.01 millimeters

**Terminal Length:**

25.4 millimeters

**Overall Height:**

2.00 millimeters

**Overall Width:**

0.71 millimeters

**Overall Diameter:**

Between 2.00 millimeters and 2.72 millimeters

**Function For Which Designed:**

Rectifier

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

Do-41

**Electrode Internally-electrically Connected To Case:**

Collector

**Mounting Method:**

Terminal

**Features Provided:**

Hermetically sealed case and electrostatic sensitive

**Semiconductor Material:**

Silicon carbide

**Voltage Rating In Volts Per Characteristic:**

60.0 nonrepetitive peak reverse voltage and 60.0 repetitive peak reverse voltage and 42.0 reverse voltage, total rms

**Current Rating Per Characteristic:**

5.0 amperes peak forward surge current and 0.7 amperes average forward current averaged over a full 60-hz cycle

**Maximum Operating Temperature Per Measurement Point:**

150.0 degrees celsius junction

**Product Name:**

1.0a schottky barrier rectifier

**Special Features:**

Refer to website for additional details

**Terminal Type And Quantity:**

2 insulated wire lead

**Shelf Life:**

N/a

**Unit Of Measure:**

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**Demilitarization:**

No

**Fiig:**

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