## NSN 5961-01-331-7079

Transistor - Page 1 of 2



| View Online at https://aerobasegroup.com/nsn/5961-01-331-7079  |
|--|
| 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  |
| Internal Configuration:  |
| Field effect   |
| Joint Electronic Device Engineering Council/jedec/case Outline Designation:  |
| To-205af   |
| Mounting Method:   |
| Terminal   |
| Terminal Circle Diameter:  |
| 0.200 inches   |
| Features Provided:   |
| Hermetically sealed case and quality assurance level txv   |
| Semiconductor Material:  |
| Silicon  |
| Voltage Rating In Volts Per Characteristic:  |
| 500.0 drain to gate voltage and 500.0 drain to source voltage and 20.0 gate to source voltage  |
| Current Rating Per Characteristic:   |
| 6.00 amperes off-state current, peak   |
| Power Rating Per Characteristic:   |
| 20.0 watts total power dissipation   |
| Maximum Operating Tempurature Per Measurement Point:   |
| 150.0 degrees celsius junction   |
| 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:  |
| 3 uninsulated wire lead  |
| Specification Data:  |
| 81349-mil-prf-19500/555 government specification   |
| Shelf Life:  |
| N/a  |
| Unit Of Measure:   |
| <del></del>  |
| Demilitarization:  |
| No   |

A110a0

Fiig:

## NSN 5961-01-331-7079

Transistor - Page 2 of 2



Mil-std (military Standard):

Mil-prf-19500 spec.