PartsTable TECHNICAL DATA SHEET



# Resistor, Fixed, Film

5905-00-059-6227

NSN 5905-00-059-6227 · NIIN 000596227

FSC 5905 — Resistor · FSG 59 — Electrical and Electronic Equipment Components

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5905-00-059-6227 · 5905000596227 · NIIN 000596227 · 00-059-6227 · FSC 5905 Resistor · 5905000596227 · RN75C5361F · MILR10509 · MIL-R-10509/5

NEARBY STOCK NUMBERS ← 5905-00-059-6225 Resistor, Fixed, Film · 5905-00-059-6229 Resistor, Fixed, Film →

## FEATURES

- Resistor,fixed,film — FSC 5905
- Resistance Tolerance in Percent: -1.000 TO 1.000
- Temp Coefficient of Resistance in Ppm Per Deg Celsius: -50.0 TO 50.0
- Body Diameter: 0.375 INCHES NOMINAL IN
- Electrical Resistance: 5.360 KILOHMS
- Inclosure Type: ENCAPSULATED
- Terminal Type: WIRE LEAD
- Temp Range of Temp Coefficient in Deg Celsius: -55.0 TO 175.0

## IDENTIFICATION

- NSN: 5905-00-059-6227
- NIIN: 000596227
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components

## GENERAL DESCRIPTION

The Resistor,fixed,film, cataloged under National Stock Number 5905-00-059-6227, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. Government technical data includes 14 specifications, cited from the U.S. Government catalog. 4 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. Current acquisition status: Active.

## TECHNICAL SPECIFICATIONS

| PARAMETER | VALUE |
|---|---|
| NSN | 5905-00-059-6227 |
| Item Name | Resistor,fixed,film |
| FSC / FSG | 5905 / 59 — Resistor |
| Status | ACTIVE |
| Resistance Tolerance in Percent | -1.000 TO 1.000 |
| Temp Coefficient of Resistance in Ppm Per Deg Celsius | -50.0 TO 50.0 |
| Body Diameter | 0.375 INCHES NOMINAL IN |
| Electrical Resistance | 5.360 KILOHMS |
| Inclosure Type | ENCAPSULATED |
| Terminal Type | WIRE LEAD |
| Temp Range of Temp Coefficient in Deg Celsius | -55.0 TO 175.0 |
| Style Designator | AXIAL TERMINAL EACH END |
| Power Dissipation Rating in Watts | 1.000 FREE AIR |
| Ambient Temp at Full Rated Power | 125.0 CELSIUS DEGC |
| Body Length | 1.062 INCHES NOMINAL IN |
| Ambient Temp in Deg Celsius at Zero Percent Rated Power | 175.0 |
| Reliability Indicator | NOT ESTABLISHED |

| PARAMETER | VALUE |
|---|---|
| Test Data Document | 81349-MIL-R-10509/5 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", "NOMINAL", ETC.). |

## LIFECYCLE & COMPLIANCE

| | |
|---|---|
| Acquisition Status | ACTIVE |
| DEMIL Code | DEMIL A — NO DEMILITARIZATION REQUIRED |
| Hazard | NO HAZARD CODE IN THE DLA RECORD (HMIC N) |
| Criticality Code | X |

## CROSS-REFERENCE INDEX

No manufacturer part numbers on file in the U.S. Government catalog.

### REFERENCE DOCUMENTS

| REFERENCE | MEANING |
|---|---|
| 5905000596227 | 6/9 Informative reference only<br>E.c.a Etablissement Central Des Approvisionnements Des Forces Armees Royales |
| RN75C5361F | 2/2 Government specification standardization<br>U.S. Government activity |
| MILR10509 | 5/9 Secondary reference<br>U.S. Government activity |
| MIL-R-10509/5 | 4/1 Identification reference<br>U.S. Government activity |

No interchangeability data on file.

## OTHER ITEMS IN FSC 5905 — RESISTOR

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

**5905-00-000-0136**
RESISTOR NETWORK,FIXED,FILM

**5905-00-000-0488**
5905-00-000-0488 · Item name not on file

**5905-00-000-8809**
5905-00-000-8809 · Item name not on file

**5905-00-000-8833**
5905-00-000-8833 · Item name not on file

**5905-00-000-9526**
5905-00-000-9526 · Item name not on file

**5905-00-001-1342**
5905-00-001-1342 · Item name not on file

**5905-00-001-1573**
5905-00-001-1573 · Item name not on file

**5905-00-001-2059**
5905-00-001-2059 · Item name not on file

## FREQUENTLY ASKED QUESTIONS

### What is NSN 5905-00-059-6227?

NSN 5905-00-059-6227 is a Resistor,fixed,film, classified under FSC 5905, Resistor. Status: active.

### What are the specifications of 5905-00-059-6227?

Key specifications for 5905-00-059-6227: Resistance Tolerance in Percent: -1.000 TO 1.000; Temp Coefficient of Resistance in Ppm Per Deg Celsius: -50.0 TO 50.0; Body Diameter: 0.375 INCHES NOMINAL IN; Electrical Resistance: 5.360 KILOHMS. 14 specifications are documented in the U.S. Government catalog.

### Is NSN 5905-00-059-6227 hazardous material?

No hazard code in the DLA record (HMIC N). Hazard information on this page is shown exactly as it appears in the DLA record.

## SOURCES

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-16.

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

**PartsTable — the parts reference. Every fact cited to its source.**
partstable.com/parts/5905-00-059-6227

✓ Data cited from the U.S. Government catalog; commercial cross-references from OEM and certified industry sources.

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