PartsTable TECHNICAL DATA SHEET

Resistor, Fixed, Wire Wound

5905-00-059-9233

NSN 5905-00-059-9233 · NIIN 000599233

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

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5905-00-059-9233 · 5905000599233 · NIIN 000599233 · 00-059-9233 · FSC 5905 Resistor · RB16CE6R040F · MIL-R-93/3

NEARBY STOCK NUMBERS ← 5905-00-059-9232 · 5905-00-059-9234 →

FEATURES

- Resistor,fixed,wire Wound — 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: 0.562 INCHES NOMINAL IN
- Electrical Resistance: 6.040 OHMS
- Inclosure Type: ENCAPSULATED
- Terminal Type: TAB, SOLDER LUG
- Terminal Length: 0.375 INCHES NOMINAL IN

IDENTIFICATION

- NSN: 5905-00-059-9233
- NIIN: 000599233
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Resistor,fixed,wire Wound, cataloged under National Stock Number 5905-00-059-9233, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. Government technical data includes 16 specifications, cited from the U.S. Government catalog. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5905-00-059-9233
Item Name	Resistor,fixed,wire Wound
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	0.562 INCHES NOMINAL IN
Electrical Resistance	6.040 OHMS
Inclosure Type	ENCAPSULATED
Terminal Type	TAB, SOLDER LUG
Terminal Length	0.375 INCHES NOMINAL IN
Temp Range of Temp Coefficient in Deg Celsius	-65.0 TO 145.0
Style Designator	RADIAL TERMINAL EACH END
Power Dissipation Rating in Watts	0.333 FREE AIR
Ambient Temp at Full Rated Power	125.0 CELSIUS DEGC
Specification/standard Data	81349-MIL-R-93/3 GOVERNMENT SPECIFICATION
Body Length	0.625 INCHES NOMINAL IN
Ambient Temp in Deg Celsius at Zero Percent Rated Power	145.0

PARAMETER	VALUE
Reliability Indicator	NOT ESTABLISHED
Test Data Document	81349-MIL-R-93 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
RB16CE6R040F	2/2 Government specification standardization U.S. Government activity
MIL-R-93/3	4/1 Identification reference 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 5905-00-059-9233?

NSN 5905-00-059-9233 is a Resistor,fixed,wire Wound, classified under FSC 5905, Resistor. Status: active.

What are the specifications of 5905-00-059-9233?

Key specifications for 5905-00-059-9233: 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: 0.562 INCHES NOMINAL IN; Electrical Resistance: 6.040 OHMS. 16 specifications are documented in the U.S. Government catalog.

Is NSN 5905-00-059-9233 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/5905-00-059-9233

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

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