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Resistor, Fixed, Wire Wound

5905-00-059-5312

NSN 5905-00-059-5312 · NIIN 000595312

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



GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5905-00-059-5312 · 5905000595312 · NIIN 000595312 · 00-059-5312 · FSC 5905 Resistor · MILR93B · RB44AE38420B

NEARBY STOCK NUMBERS [← 5905-00-059-5311](#) · [5905-00-059-5314 →](#)

FEATURES

- Resistor, fixed, wire Wound — FSC 5905
- Resistance Tolerance in Percent: -0.100 TO 0.100
- Temp Coefficient of Resistance in Ppm Per Deg Celsius: -30.0 TO 30.0
- Body Diameter: 0.750 INCHES NOMINAL IN
- Electrical Resistance: 3.842 KIOHMS
- Inclosure Type: ENCAPSULATED
- Terminal Type: TAB, SOLDER LUG
- Temp Range of Temp Coefficient in Deg Celsius: -55.0 TO 105.0

IDENTIFICATION

- NSN: 5905-00-059-5312
- NIIN: 000595312
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Resistor, fixed, wire Wound, cataloged under National Stock Number 5905-00-059-5312, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. Government technical data includes 13 specifications, cited from the U.S. Government catalog. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. 3 items share a part number with this NSN in the catalog (possible match — not a government interchangeability claim). Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5905-00-059-5312
Item Name	Resistor, fixed, wire Wound
FSC / FSG	5905 / 59 — Resistor
Status	ACTIVE
Resistance Tolerance in Percent	-0.100 TO 0.100
Temp Coefficient of Resistance in Ppm Per Deg Celsius	-30.0 TO 30.0
Body Diameter	0.750 INCHES NOMINAL IN
Electrical Resistance	3.842 KIOHMS
Inclosure Type	ENCAPSULATED
Terminal Type	TAB, SOLDER LUG
Temp Range of Temp Coefficient in Deg Celsius	-55.0 TO 105.0

PARAMETER	VALUE
Style Designator	AXIAL TERMINALS ONE END
Power Dissipation Rating in Watts	0.500 FREE AIR
Ambient Temp at Full Rated Power	85.0 CELSIUS DEGC
Body Length	1.219 INCHES NOMINAL IN
Ambient Temp in Deg Celsius at Zero Percent Rated Power	105.0
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

RELATED ITEMS

3

Each row states its source: a government interchangeability/replacement code, or a possible match on a shared part number.

5905-00-400-9798	POSSIBLE MATCH
RESISTOR, FIXED, WIRE WOUND	
Possible match (shared part number)	
5905-00-577-2043	POSSIBLE MATCH
RESISTOR, FIXED, WIRE WOUND, INDUCT	
Possible match (shared part number)	
5905-00-752-3987	POSSIBLE MATCH
RESISTOR, FIXED, WIRE WOUND, INDUCT	
Possible match (shared part number)	

CROSS-REFERENCE INDEX

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

REFERENCE DOCUMENTS

REFERENCE	MEANING
MILR93B	4/1 Identification reference U.S. Government activity
RB44AE38420B	2/2 Government specification standardization U.S. Government activity

RELATED PARTS

5905-00-400-9798 POSSIBLE MATCH RESISTOR, FIXED, WIRE WOUND	5905-00-577-2043 POSSIBLE MATCH RESISTOR, FIXED, WIRE WOUND, INDUCT	5905-00-752-3987 POSSIBLE MATCH RESISTOR, FIXED, WIRE WOUND, INDUCT
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FREQUENTLY ASKED QUESTIONS

What is NSN 5905-00-059-5312?

NSN 5905-00-059-5312 is a Resistor, fixed, wire Wound, classified under FSC 5905, Resistor. Status: active.

What NSN replaces 5905-00-059-5312?

3 possible matches (shared part number, not a government interchangeability claim): 5905-00-400-9798, 5905-00-577-2043, 5905-00-752-3987. Verify interchangeability with system specifications before substitution.

What are the specifications of 5905-00-059-5312?

Key specifications for 5905-00-059-5312: Resistance Tolerance in Percent: -0.100 TO 0.100; Temp Coefficient of Resistance in Ppm Per Deg Celsius: -30.0 TO 30.0; Body Diameter: 0.750 INCHES NOMINAL IN; Electrical Resistance: 3.842 KILOHMS. 13 specifications are documented in the U.S. Government catalog.

Is NSN 5905-00-059-5312 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/5905-00-059-5312

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

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