

Capacitor, Fixed, Electrolytic

5910-00-059-2447

NSN 5910-00-059-2447 · NIIN 000592447

FSC 5910 — Capacitors · FSG 59 — Electrical and Electronic Equipment Components

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5910-00-059-2447 · 5910000592447 · NIIN 000592447 · 00-059-2447 · FSC 5910 Capacitors · CSR13G124KL · MILC39003-1 · M39003-01-2100

NEARBY STOCK NUMBERS ← 5910-00-059-2433 · 5910-00-059-2516 →

FEATURES

- Capacitor, fixed, electrolytic — FSC 5910
- Body Diameter: 0.135 INCHES NOMINAL IN
- DC Leakage at Maximum Operating Temp: 5.0 MICROAMPERES
- Terminal Diameter: 0.020 INCHES NOMINAL IN
- Body Style: W/O MTG FACILITIES, AXIAL TERMINALS
- Tolerance Range Per Section: -10.00 TO 10.00 PERCENT SINGLE SECTION
- Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 85.0 CELSIUS MAXIMUM DEGC
- Terminal Length: 1.500 INCHES NOMINAL IN

IDENTIFICATION

- NSN: 5910-00-059-2447
- NIIN: 000592447
- FSC: 5910 — Capacitors
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Capacitor, fixed, electrolytic, cataloged under National Stock Number 5910-00-059-2447, is classified within Federal Supply Class 5910 (Capacitors) of the Electrical and Electronic Equipment Components group. Government technical data includes 23 specifications, cited from the U.S. Government catalog. 3 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5910-00-059-2447
Item Name	Capacitor, fixed, electrolytic
FSC / FSG	5910 / 59 — Capacitors
Status	ACTIVE
Body Diameter	0.135 INCHES NOMINAL IN
DC Leakage at Maximum Operating Temp	5.0 MICROAMPERES
Terminal Diameter	0.020 INCHES NOMINAL IN
Body Style	W/O MTG FACILITIES, AXIAL TERMINALS
Tolerance Range Per Section	-10.00 TO 10.00 PERCENT SINGLE SECTION
Nonderated Operating Temp	-55.0 CELSIUS MINIMUM AND 85.0 CELSIUS MAXIMUM DEGC
Terminal Length	1.500 INCHES NOMINAL IN
Electrical Polarization	POLARIZED
Anode Type	SOLID
Reliability Failure Rate Level in Percent	2.0000
Features Provided	HERMETICALLY SEALED CASE
Nonderated Continuous Voltage Rating and Type Per Section	50.0 DC SINGLE SECTION
Schematic Diagram Designator	NO COMMON OR GROUNDED ELECTRODE(S)

PARAMETER	VALUE
Specification/standard Data	81349-MIL-C-39003/1 GOVERNMENT SPECIFICATION
Body Length	0.286 INCHES NOMINAL IN
Dissipation Factor at Reference Temp in Percent	2.0000
Capacitance Value Per Section	0.120 MICROFARADS SINGLE SECTION
Reliability Indicator	ESTABLISHED
Capacitive Electrode Material	TANTALUM
Mil-Std-1276 Wire Lead Type Designator	N-3
Test Data Document	81349-MIL-C-39003 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.).
Terminal Type and Quantity	2 UNINSULATED WIRE LEAD
DC Leakage at Reference Temp	0.500 MICROAMPERES

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A – NO DEMILITARIZATION REQUIRED
Hazard	POSSIBLE HAZARD – SDS MAY BE REQUIRED (DLA HMIC P)
Criticality Code	X

CROSS-REFERENCE INDEX

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

REFERENCE DOCUMENTS

REFERENCE	MEANING
CSR13G124KL	5/1 Secondary reference U.S. Government activity
MILC39003-1	4/1 Identification reference U.S. Government activity
M39003-01-2100	2/2 Government specification standardization U.S. Government activity

No interchangeability data on file.

OTHER ITEMS IN FSC 5910 – CAPACITORS

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

5910-00-000-1038 5910-00-000-1038 · Item name not on file	5910-00-000-1049 5910-00-000-1049 · Item name not on file	5910-00-000-1080 5910-00-000-1080 · Item name not on file	5910-00-000-6838 5910-00-000-6838 · Item name not on file
5910-00-001-1913 CAPACITOR, FIXED, METALLIZED, PAPER	5910-00-001-2576 CAPACITOR, VARIABLE, GLASS DIELECT	5910-00-001-2577 5910-00-001-2577 · Item name not on file	5910-00-001-2578 CAPACITOR, VARIABLE, GLASS DIELECT

FREQUENTLY ASKED QUESTIONS

What is NSN 5910-00-059-2447?

NSN 5910-00-059-2447 is a Capacitor, fixed, electrolytic, classified under FSC 5910, Capacitors. Status: active.

What are the specifications of 5910-00-059-2447?

Key specifications for 5910-00-059-2447: Body Diameter: 0.135 INCHES NOMINAL IN; DC Leakage at Maximum Operating Temp: 5.0 MICROAMPERES; Terminal Diameter: 0.020 INCHES NOMINAL IN; Body Style: W/O MTG FACILITIES, AXIAL TERMINALS. 23 specifications are documented in the U.S. Government catalog.

Is NSN 5910-00-059-2447 hazardous material?

Possible hazard — SDS may be required (DLA HMIC P). 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/5910-00-059-2447

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