

Capacitor, Fixed, Metallized, Paper

5910-01-059-6707

NSN 5910-01-059-6707 · NIIN 010596707 · Part number 906021-01

Northrop Grumman Systems Corporation · FSC 5910 — Capacitors · FSG 59 — Electrical and Electronic Equipment Components · CAGE 03956

GOVERNMENT RECORD, CITED

NSN 5910-01-059-6707 — this item is cataloged by the U.S. Government under National Stock Number 5910-01-059-6707. Manufacturer of record part number: 906021-01.

ALSO SEARCHED AS 5910-01-059-6707 · 5910010596707 · NIIN 010596707 · 01-059-6707 · FSC 5910 Capacitors · CAGE 03956 · 906021-01 · MPFBB474J4 · MPFBB474J4

NEARBY STOCK NUMBERS ← 5910-01-059-6706 · 5910-01-059-7479 Capacitor, Fixed, Glass Dielectric →

FEATURES

- Capacitor, fixed, metallized, paper — FSC 5910
- Body Diameter: 0.562 INCHES NOMINAL IN
- Mounting Facility Type and Quantity: 2 THREADED MOUNTING STUDS
- Terminal Diameter: 0.032 INCHES NOMINAL IN
- Body Style: W/THD MTG STUDS, AXIAL TERMINALS
- Tolerance Range Per Section: -5.00 TO 5.00 PERCENT SINGLE SECTION
- Power Factor at Reference Temp in Percent: 1.0000
- Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 85.0 CELSIUS MAXIMUM DEGC

IDENTIFICATION

- NSN: 5910-01-059-6707
- NIIN: 010596707
- FSC: 5910 — Capacitors
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 906021-01
- Manufacturer: Northrop Grumman Systems Corporation

GENERAL DESCRIPTION

The Capacitor, fixed, metallized, paper, cataloged under National Stock Number 5910-01-059-6707, is classified within Federal Supply Class 5910 (Capacitors) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Northrop Grumman Systems Corporation. Government technical data includes 20 specifications, cited from the U.S. Government catalog. The record lists 2 manufacturer part numbers for this item, enabling identification through both NSN and commercial part number lookups. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5910-01-059-6707
Primary Part Number	906021-01
Item Name	Capacitor, fixed, metallized, paper
FSC / FSG	5910 / 59 — Capacitors
Manufacturer	Northrop Grumman Systems Corporation
Status	ACTIVE
Body Diameter	0.562 INCHES NOMINAL IN
Mounting Facility Type and Quantity	2 THREADED MOUNTING STUDS
Terminal Diameter	0.032 INCHES NOMINAL IN
Body Style	W/THD MTG STUDS, AXIAL TERMINALS
Tolerance Range Per Section	-5.00 TO 5.00 PERCENT SINGLE SECTION

PARAMETER	VALUE
Power Factor at Reference Temp in Percent	1.0000
Nonderated Operating Temp	-55.0 CELSIUS MINIMUM AND 85.0 CELSIUS MAXIMUM DEGC
Distance Between Centerlines of Mounting Facilities Parallel to Body Length	0.750 INCHES NOMINAL IN
Terminal Surface Treatment	SOLDER
Terminal Length	1.500 INCHES MINIMUM IN
Mounting Facility Screw Thread Series Designator	UNIFIED NATIONAL COARSE (UNC)
Features Provided	HERMETICALLY SEALED CASE
Nonderated Continuous Voltage Rating and Type Per Section	400.0 DC SINGLE SECTION
Schematic Diagram Designator	NO COMMON OR GROUNDED ELECTRODE(S)
Nominal Thread Size	0.136 INCHES IN
Body Length	1.406 INCHES MAXIMUM IN
Capacitance Value Per Section	0.470 MICROFARADS SINGLE SECTION
Reliability Indicator	NOT ESTABLISHED
Terminal Type and Quantity	2 UNINSULATED WIRE LEAD
Insulation Resistance at Reference Temp	100000.0 MEGOHMS

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

PART NUMBER	MANUFACTURER
906021-01 PRIMARY	Northrop Grumman Systems Corporation (USA)
MPFBB474J4	Exxelía Usa, Inc. (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
MPFBB474J4	5/9 Secondary reference Sprague Electric Co World Hqs
906021-01	5/9 Secondary reference 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 5910-01-059-6707?

NSN 5910-01-059-6707 is a Capacitor, fixed, metallized, paper, manufactured by Northrop Grumman Systems Corporation, classified under FSC 5910, Capacitors. Status: active.

What part numbers are listed for NSN 5910-01-059-6707?

NSN 5910-01-059-6707 has 2 manufacturer part numbers on file: 906021-01 (Northrop Grumman Systems Corporation), MPFBB474J4 (Exxelía Usa, Inc.).

What are the specifications of 906021-01?

Key specifications for 906021-01: Body Diameter: 0.562 INCHES NOMINAL IN; Mounting Facility Type and Quantity: 2 THREADED MOUNTING STUDS; Terminal Diameter: 0.032 INCHES NOMINAL IN; Body Style: W/THD MTG STUDS, AXIAL TERMINALS. 20 specifications are documented in the U.S. Government catalog.

Is NSN 5910-01-059-6707 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/5910-01-059-6707

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