

Capacitor, Fixed, Mica Dielectric

5910-00-059-9335

NSN 5910-00-059-9335 · NIIN 000599335 · Part number DM10FD470J04CR

Silvered Electronic Mica Inc Dba Semco · FSC 5910 — Capacitors · FSG 59 — Electrical and Electronic Equipment Components · CAGE 61306


GOVERNMENT RECORD, CITED

NSN 5910-00-059-9335 — this item is cataloged by the U.S. Government under National Stock Number 5910-00-059-9335. Manufacturer of record part number: **DM10FD470J04CR**.

ALSO SEARCHED AS 5910-00-059-9335 · 5910000599335 · NIIN 000599335 · 00-059-9335 · FSC [5910](#) Capacitors · CAGE [61306](#) · DM10FD470J04CR · 199985-0018 · DM10F470J · CD10FD470J03 · 199985-0018

NEARBY STOCK NUMBERS
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 [5910-00-059-9334 Capacitor, Fixed, Mica Dielectric](#)
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 [5910-00-059-9336 Capacitor, Fixed, Mica Dielectric](#)
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FEATURES

- Capacitor,fixed,mica Dielectric — FSC 5910
- Terminal Diameter: 0.016 INCHES NOMINAL IN
- Body Style: W/O MTG FACILITIES TERMINAL(S) ON ONE SURFACE
- Tolerance Range Per Section: -5.00 TO 5.00 PERCENT SINGLE SECTION
- Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 150.0 CELSIUS MAXIMUM DEGC
- Terminal Surface Treatment: SOLDER
- Terminal Length: 1.250 INCHES MINIMUM IN
- Quality Factor at Reference Temp: 1200.0000

IDENTIFICATION

- NSN: 5910-00-059-9335
- NIIN: 000599335
- FSC: 5910 — Capacitors
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: DM10FD470J04CR
- Manufacturer: Silvered Electronic Mica Inc Dba Semco

GENERAL DESCRIPTION

The Capacitor,fixed,mica Dielectric, cataloged under National Stock Number 5910-00-059-9335, is classified within Federal Supply Class 5910 (Capacitors) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Silvered Electronic Mica Inc Dba Semco. Government technical data includes 21 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through both NSN and commercial part number lookups. 7 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5910-00-059-9335
Primary Part Number	DM10FD470J04CR
Item Name	Capacitor,fixed,mica Dielectric
FSC / FSG	5910 / 59 — Capacitors
Manufacturer	Silvered Electronic Mica Inc Db a Semco
Status	ACTIVE
Terminal Diameter	0.016 INCHES NOMINAL IN
Body Style	W/O MTG FACILITIES TERMINAL(S) ON ONE SURFACE
Tolerance Range Per Section	-5.00 TO 5.00 PERCENT SINGLE SECTION
Nonderated Operating Temp	-55.0 CELSIUS MINIMUM AND 150.0 CELSIUS MAXIMUM DEGC
Terminal Surface Treatment	SOLDER
Terminal Length	1.250 INCHES MINIMUM IN

PARAMETER	VALUE
Quality Factor at Reference Temp	1200.0000
Body Width	0.210 INCHES MAXIMUM IN
Body Height	0.190 INCHES MAXIMUM IN
Temp Coefficient of Capacitance Range Per Section in Ppm Per Deg Celsius	+0.0 TO 70.0 SINGLE SECTION
Nonderated Continuous Voltage Rating and Type Per Section	500.0 DC SINGLE SECTION
Schematic Diagram Designator	NO COMMON OR GROUNDED ELECTRODE(S)
Body Length	0.370 INCHES MAXIMUM IN
Dissipation Factor at Reference Temp in Percent	0.0010
Capacitance Value Per Section	47.000 PICOFARADS SINGLE SECTION
Reliability Indicator	NOT ESTABLISHED
Insulation Resistance at Maximum Operating Temp	10000.0 MEGOHMS
Material	PLASTIC CASE
Terminal Type and Quantity	2 UNINSULATED WIRE LEAD
Center to Center Distance Between Terminals Parallel to Length	0.141 INCHES NOMINAL IN
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
DM10FD470J04CR PRIMARY	Silvered Electronic Mica Inc Dba Semco (USA)
D155F470J0	Cornell-Dubilier Marketing Inc (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
199985-0018	C/1 Advisory reference – outside the item-of-supply concept Lucent Technologies Inc Dba Federal Marketing Group
DM10F470J	5/9 Secondary reference Electro Motive Corp Subsidiary of International Electronics Corp
CD10FD470J03	C/1 Advisory reference – outside the item-of-supply concept Cornell-Dubilier Marketing Inc
199985-0018	5/9 Secondary reference Sypris Electronics, LLC
CD10FD470J03	5/2 Secondary reference U.S. Government activity
DM10F470J05004CR	5/9 Secondary reference Electro Motive Corp Subsidiary of International Electronics Corp
CD10FD470J03	5/9 Secondary reference Cornell-Dubilier Electronics

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 5910-00-059-9335?

NSN 5910-00-059-9335 is a Capacitor,fixed,mica Dielectric, manufactured by Silvered Electronic Mica Inc Db a Semco, classified under FSC 5910, Capacitors. Status: active.

What part numbers are listed for NSN 5910-00-059-9335?

NSN 5910-00-059-9335 has 2 manufacturer part numbers on file: DM10FD470J04CR (Silvered Electronic Mica Inc Db a Semco), D155F470J0 (Cornell-Dubilier Marketing Inc).

What are the specifications of DM10FD470J04CR?

Key specifications for DM10FD470J04CR: Terminal Diameter: 0.016 INCHES NOMINAL IN; Body Style: W/O MTG FACILITIES TERMINAL(S) ON ONE SURFACE; Tolerance Range Per Section: -5.00 TO 5.00 PERCENT SINGLE SECTION; Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 150.0 CELSIUS MAXIMUM DEGC. 21 specifications are documented in the U.S. Government catalog.

Is NSN 5910-00-059-9335 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/5910-00-059-9335

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


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