PartsTable TECHNICAL DATA SHEET

Capacitor, Fixed, Ceramic Dielectr

5910-00-059-1104

NSN 5910-00-059-1104 · NIIN 000591104

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

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5910-00-059-1104 · 5910000591104 · NIIN 000591104 · 00-059-1104 · FSC 5910 Capacitors · 1W637AK · TC637-500 · 913-4986-00

NEARBY STOCK NUMBERS ← 5910-00-059-1103 Capacitor, Fixed, Ceramic Dielectr · 5910-00-059-1105 Capacitor, Fixed, Ceramic Dielectr →

FEATURES

- Capacitor,fixed,ceramic Dielectr — FSC 5910
- Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius: -2400.0 SINGLE SECTION
- Body Style: W/O MTG FACILITIES, TERMINALS ON OPPOSITE SURFACES
- Tolerance Range Per Section: -10.00 TO 10.00 PERCENT SINGLE SECTION
- Power Factor at Reference Temp in Percent: 0.2000
- Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 125.0 CELSIUS MAXIMUM DEGC
- Terminal Surface Treatment: SOLDER
- Terminal Length: 1.500 INCHES MINIMUM IN

IDENTIFICATION

- NSN: 5910-00-059-1104
- NIIN: 000591104
- FSC: 5910 — Capacitors
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Capacitor,fixed,ceramic Dielectr, cataloged under National Stock Number 5910-00-059-1104, is classified within Federal Supply Class 5910 (Capacitors) of the Electrical and Electronic Equipment Components group. Government technical data includes 20 specifications, cited from the U.S. Government catalog. 3 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5910-00-059-1104
Item Name	Capacitor,fixed,ceramic Dielectr
FSC / FSG	5910 / 59 — Capacitors
Status	ACTIVE
Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius	-2400.0 SINGLE SECTION
Body Style	W/O MTG FACILITIES, TERMINALS ON OPPOSITE SURFACES
Tolerance Range Per Section	-10.00 TO 10.00 PERCENT SINGLE SECTION
Power Factor at Reference Temp in Percent	0.2000
Nonderated Operating Temp	-55.0 CELSIUS MINIMUM AND 125.0 CELSIUS MAXIMUM DEGC
Terminal Surface Treatment	SOLDER
Terminal Length	1.500 INCHES MINIMUM IN
Body Width	0.090 INCHES MAXIMUM IN
Body Height	0.360 INCHES MAXIMUM IN
Nonderated Continuous Voltage Rating and Type Per Section	50.0 DC SINGLE SECTION
Schematic Diagram Designator	NO COMMON OR GROUNDED ELECTRODE(S)

PARAMETER	VALUE
Case Insulation Material	PLASTIC
Body Length	0.360 INCHES MAXIMUM IN
Capacitance Value Per Section	637.000 PICOFARADS SINGLE SECTION
Reliability Indicator	NOT ESTABLISHED
Test Data Document	13499-913-4986 DRAWING (THIS IS THE BASIC GOVERNING DRAWING, SUCH AS A CONTRACTOR DRAWING, ORIGINAL EQUIPMENT MANUFACTURER DRAWING, ETC.; EXCLUDES ANY SPECIFICATION, STANDARD OR OTHER DOCUMENT THAT MAY BE REFERENCED IN A BASIC GOVERNING DRAWING)
Material	CERAMIC CASE
Terminal Type and Quantity	2 UNINSULATED WIRE LEAD
Tolerance of Temp Coefficient Per Section in Ppm Per Deg Celsius	-400.0 TO 400.0 SINGLE SECTION
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

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

REFERENCE DOCUMENTS

REFERENCE	MEANING
1W637AK	5/2 Secondary reference U.S. Government activity
TC637-500	5/2 Secondary reference U.S. Government activity
913-4986-00	3/9 Design control — primary reference Rockwell Collins, Inc. Dba Collins Aerospace Government Systems Div Collins Aerospace - Government Systems

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 5910-00-059-1104?

NSN 5910-00-059-1104 is a Capacitor,fixed,ceramic Dielectr, classified under FSC 5910, Capacitors. Status: active.

What are the specifications of 5910-00-059-1104?

Key specifications for 5910-00-059-1104: Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius: -2400.0 SINGLE SECTION; Body Style: W/O MTG FACILITIES, TERMINALS ON OPPOSITE SURFACES; Tolerance Range Per Section: -10.00 TO 10.00 PERCENT SINGLE SECTION; Power Factor at Reference Temp in Percent: 0.2000. 20 specifications are documented in the U.S. Government catalog.

Is NSN 5910-00-059-1104 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/5910-00-059-1104

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

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