PartsTable TECHNICAL DATA SHEET

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Capacitor, Fixed, Ceramic Dielectr

5910-01-059-4005

NSN 5910-01-059-4005 · NIIN 010594005 · Part number 50R15N300GP

Johanson Dielectrics, Inc · FSC 5910 — Capacitors · FSG 59 — Electrical and Electronic Equipment Components · CAGE 29454

GOVERNMENT RECORD, CITED

NSN 5910-01-059-4005 — this item is cataloged by the U.S. Government under National Stock Number 5910-01-059-4005. Manufacturer of record part number: **50R15N300GP**.

ALSO SEARCHED AS 5910-01-059-4005 · 5910010594005 · NIIN 010594005 · 01-059-4005 · FSC 5910 Capacitors · CAGE 29454 · 50R15N300GP

NEARBY STOCK NUMBERS ← 5910-01-059-4004 Capacitor, Fixed, Ceramic Dielectr · 5910-01-059-4006 Capacitor, Fixed, Ceramic Dielectr →

FEATURES

- Capacitor,fixed,ceramic Dielectr — FSC 5910
- Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius: 0.0 SINGLE SECTION
- Body Style: CHIP TYPE
- Tolerance Range Per Section: -2.00 TO 2.00 PERCENT SINGLE SECTION
- Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 125.0 CELSIUS MAXIMUM DEGC
- Body Width: 0.050 INCHES NOMINAL IN
- Body Height: 0.050 INCHES MAXIMUM IN
- Nonderated Continuous Voltage Rating and Type Per Section: 50.0 DC SINGLE SECTION

IDENTIFICATION

- NSN: 5910-01-059-4005
- NIIN: 010594005
- FSC: 5910 — Capacitors
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 50R15N300GP
- Manufacturer: Johanson Dielectrics, Inc

GENERAL DESCRIPTION

The Capacitor,fixed,ceramic Dielectr, cataloged under National Stock Number 5910-01-059-4005, is classified within Federal Supply Class 5910 (Capacitors) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Johanson Dielectrics, Inc. Government technical data includes 16 specifications, cited from the U.S. Government catalog. The record lists 1 manufacturer part number for this item, enabling identification through both NSN and commercial part number lookups. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5910-01-059-4005
Primary Part Number	50R15N300GP
Item Name	Capacitor,fixed,ceramic Dielectr
FSC / FSG	5910 / 59 — Capacitors
Manufacturer	Johanson Dielectrics, Inc
Status	ACTIVE
Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius	0.0 SINGLE SECTION
Body Style	CHIP TYPE
Tolerance Range Per Section	-2.00 TO 2.00 PERCENT SINGLE SECTION
Nonderated Operating Temp	-55.0 CELSIUS MINIMUM AND 125.0 CELSIUS MAXIMUM DEGC
Body Width	0.050 INCHES NOMINAL IN
Body Height	0.050 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
Body Length	0.080 INCHES NOMINAL IN
Dissipation Factor at Reference Temp in Percent	0.1000
Capacitance Value Per Section	30.000 PICOFARADS SINGLE SECTION
Reliability Indicator	NOT ESTABLISHED
Material	CERAMIC CASE
Terminal Type and Quantity	2 BONDING PAD
Tolerance of Temp Coefficient Per Section in Ppm Per Deg Celsius	-30.0 TO 30.0 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

PART NUMBER	MANUFACTURER
50R15N300GP PRIMARY	Johanson Dielectrics, Inc (USA)

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 5910-01-059-4005?

NSN 5910-01-059-4005 is a Capacitor,fixed,ceramic Dielectr, manufactured by Johanson Dielectrics, Inc, classified under FSC 5910, Capacitors. Status: active.

What part numbers are listed for NSN 5910-01-059-4005?

NSN 5910-01-059-4005 has 1 manufacturer part number on file: 50R15N300GP (Johanson Dielectrics, Inc).

What are the specifications of 50R15N300GP?

Key specifications for 50R15N300GP: Temp Coefficient of Capacitance Per Section in Ppm Per Deg Celsius: 0.0 SINGLE SECTION; Body Style: CHIP TYPE; Tolerance Range Per Section: -2.00 TO 2.00 PERCENT SINGLE SECTION; Nonderated Operating Temp: -55.0 CELSIUS MINIMUM AND 125.0 CELSIUS MAXIMUM DEGC. 16 specifications are documented in the U.S. Government catalog.

Is NSN 5910-01-059-4005 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/5910-01-059-4005

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

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