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Resistor, Fixed, Film

5905-00-059-4453

NSN 5905-00-059-4453 · NIIN 000594453 · Part number 0727-0223

Agilent Technologies, Inc. Div Agilent Technologies Headquarters · FSC 5905 — Resistor · FSG 59 — Electrical and Electronic Equipment Components · CAGE 1MY97

GOVERNMENT RECORD, CITED

NSN 5905-00-059-4453 — this item is cataloged by the U.S. Government under National Stock Number 5905-00-059-4453. Manufacturer of record part number: **0727-0223**.

ALSO SEARCHED AS 5905-00-059-4453 · 5905000594453 · NIIN 000594453 · 00-059-4453 · FSC 5905 Resistor · CAGE 1MY97 · 0727-0223 · MCS12X000J21632F

NEARBY STOCK NUMBERS [← 5905-00-059-4452](#) · [5905-00-059-4455 Resistor, Fixed, Wire Wound →](#)

FEATURES

- Resistor, fixed, film — FSC 5905
- Resistance Tolerance in Percent: -1.000 TO 1.000
- Temp Coefficient of Resistance in Ppm Per Deg Celsius: -500.0 TO 500.0
- Body Diameter: 0.250 INCHES NOMINAL IN
- Electrical Resistance: 216.320 KILOHMS
- Inclosure Type: ENCAPSULATED
- Terminal Type: WIRE LEAD
- Temp Range of Temp Coefficient in Deg Celsius: -55.0 TO 165.0

IDENTIFICATION

- NSN: 5905-00-059-4453
- NIIN: 000594453
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 0727-0223
- Manufacturer: Agilent Technologies, Inc. Div Agilent Technologies Headquarters

GENERAL DESCRIPTION

The Resistor, fixed, film, cataloged under National Stock Number 5905-00-059-4453, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Agilent Technologies, Inc. Div Agilent Technologies Headquarters. Government technical data includes 12 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through both NSN and commercial part number lookups. 2 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog. 1 item shares a part number with this NSN in the catalog (possible match — not a government interchangeability claim). Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5905-00-059-4453
Primary Part Number	0727-0223
Item Name	Resistor, fixed, film

PARAMETER	VALUE
FSC / FSG	5905 / 59 — Resistor
Manufacturer	Agilent Technologies, Inc. Div Agilent Technologies Headquarters
Status	ACTIVE
Resistance Tolerance in Percent	-1.000 TO 1.000
Temp Coefficient of Resistance in Ppm Per Deg Celsius	-500.0 TO 500.0
Body Diameter	0.250 INCHES NOMINAL IN
Electrical Resistance	216.320 KIOHMS
Inclosure Type	ENCAPSULATED
Terminal Type	WIRE LEAD
Temp Range of Temp Coefficient in Deg Celsius	-55.0 TO 165.0
Style Designator	AXIAL TERMINAL EACH END
Power Dissipation Rating in Watts	0.500 FREE AIR
Ambient Temp at Full Rated Power	70.0 CELSIUS DEGC
Body Length	0.730 INCHES NOMINAL IN
Ambient Temp in Deg Celsius at Zero Percent Rated Power	165.0

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL A — NO DEMILITARIZATION REQUIRED
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

↔ RELATED ITEMS

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Each row states its source: a government interchangeability/replacement code, or a possible match on a shared part number.

5905-00-467-1393 POSSIBLE MATCH
RESISTOR, FIXED, FILM
Possible match (shared part number)

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
0727-0223 PRIMARY	Agilent Technologies, Inc. Div Agilent Technologies Headquarters (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
MCS12X000J21632F	5/9 Secondary reference U.S. Government activity
0727-0223	5/9 Secondary reference Hewlett-Packard Company DbA HP

RELATED PARTS

5905-00-467-1393 POSSIBLE MATCH
RESISTOR, FIXED, FILM

FREQUENTLY ASKED QUESTIONS

What is NSN 5905-00-059-4453?

NSN 5905-00-059-4453 is a Resistor, fixed, film, manufactured by Agilent Technologies, Inc. Div Agilent Technologies Headquarters, classified under FSC 5905, Resistor. Status: active.

What part numbers are listed for NSN 5905-00-059-4453?

NSN 5905-00-059-4453 has 1 manufacturer part number on file: 0727-0223 (Agilent Technologies, Inc. Div Agilent Technologies Headquarters).

What NSN replaces 5905-00-059-4453?

1 possible match (shared part number, not a government interchangeability claim): 5905-00-467-1393. Verify interchangeability with system specifications before substitution.

What are the specifications of 0727-0223?

Key specifications for 0727-0223: Resistance Tolerance in Percent: -1.000 TO 1.000; Temp Coefficient of Resistance in Ppm Per Deg Celsius: -500.0 TO 500.0; Body Diameter: 0.250 INCHES NOMINAL IN; Electrical Resistance: 216.320 KILOHMS. 12 specifications are documented in the U.S. Government catalog.

Is NSN 5905-00-059-4453 hazardous material?

No hazard code in the DLA record (HMIC N). 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/5905-00-059-4453

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

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