

Resistor, Fixed, Film

5905-00-059-9103

NSN 5905-00-059-9103 · NIIN 000599103 · Part number 5M5106-222-16

Hensoldt Sensors Gmbh Div Seps · FSC 5905 — Resistor · FSG 59 — Electrical and Electronic Equipment Components · CAGE D1901

GOVERNMENT RECORD, CITED

NSN 5905-00-059-9103 — this item is cataloged by the U.S. Government under National Stock Number 5905-00-059-9103. Manufacturer of record part number: 5M5106-222-16.

ALSO SEARCHED AS 5905-00-059-9103 · 5905000599103 · NIIN 000599103 · 00-059-9103 · FSC 5905 Resistor · CAGE D1901 · 5M5106-222-16 · 416448-3091 · MIL-R-10509/1 · 6127-313-037 · 100-207-2741

NEARBY STOCK NUMBERS ← 5905-00-059-8913 · 5905-00-059-9104 Resistor, Fixed, Film →

FEATURES

- Resistor, fixed, film — FSC 5905
- Resistance Tolerance in Percent: -1.000 TO 1.000
- Temp Coefficient of Resistance in Ppm Per Deg Celsius: -50.0 TO 50.0
- Body Diameter: 0.125 INCHES NOMINAL IN
- Electrical Resistance: 2.740 KILOHMS
- Inclosure Type: ENCAPSULATED
- Terminal Type: WIRE LEAD
- Terminal Length: 1.500 INCHES NOMINAL IN

IDENTIFICATION

- NSN: 5905-00-059-9103
- NIIN: 000599103
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 5M5106-222-16
- Manufacturer: Hensoldt Sensors Gmbh Div Seps

GENERAL DESCRIPTION

The Resistor, fixed, film, cataloged under National Stock Number 5905-00-059-9103, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Hensoldt Sensors Gmbh Div Seps. Government technical data includes 17 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through both NSN and commercial part number lookups. 6 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5905-00-059-9103
Primary Part Number	5M5106-222-16
Item Name	Resistor, fixed, film
FSC / FSG	5905 / 59 — Resistor
Manufacturer	Hensoldt Sensors Gmbh Div Seps
Status	ACTIVE
Resistance Tolerance in Percent	-1.000 TO 1.000
Temp Coefficient of Resistance in Ppm Per Deg Celsius	-50.0 TO 50.0
Body Diameter	0.125 INCHES NOMINAL IN
Electrical Resistance	2.740 KILOHMS
Inclosure Type	ENCAPSULATED
Terminal Type	WIRE LEAD
Terminal Length	1.500 INCHES NOMINAL IN
Temp Range of Temp Coefficient in Deg Celsius	-55.0 TO 175.0

PARAMETER	VALUE
Style Designator	AXIAL TERMINAL EACH END
Power Dissipation Rating in Watts	0.125 FREE AIR
Ambient Temp at Full Rated Power	125.0 CELSIUS DEGC
Unpackaged Unit Weight	0.450 GRAMS G
Specification/standard Data	81349-MIL-R-10509/1 GOVERNMENT SPECIFICATION
Body Length	0.375 INCHES NOMINAL IN
Ambient Temp in Deg Celsius at Zero Percent Rated Power	175.0
Reliability Indicator	NOT ESTABLISHED
Test Data Document	81349-MIL-R-10509 SPECIFICATION (INCLUDES ENGINEERING TYPE BULLETINS, BROCHURES,ETC., THAT REFLECT SPECIFICATION TYPE DATA IN SPECIFICATION FORMAT; EXCLUDES COMMERCIAL CATALOGS, INDUSTRY DIRECTORIES, AND SIMILAR TRADE PUBLICATIONS, REFLECTING GENERAL TYPE DATA ON CERTAIN ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS AND TEST CONDITIONS THAT ARE SHOWN AS "TYPICAL", "AVERAGE", "NOMINAL", ETC.).

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

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
5M5106-222-16	Hensoldt Sensors Gmbh Div Seps (DEU)

REFERENCE	MEANING
416448-3091	C/1 Advisory reference – outside the item-of-supply concept U.S. Government activity
MIL-R-10509/1	4/1 Identification reference U.S. Government activity
6127-313-037	5/9 Secondary reference Saab Scania Ab Data Saab Div Military Product
100-207-2741	C/1 Advisory reference – outside the item-of-supply concept L-3 Communications Corporation DbA Global Network Solutions Div Aydin Communications Division
947987-2741	C/1 Advisory reference – outside the item-of-supply concept Litton Systems Inc. Div Navigation Systems Division
RN60C2741F	2/2 Government specification standardization U.S. Government activity

No interchangeability data on file.

OTHER ITEMS IN FSC 5905 – RESISTOR

Items in the same Federal Supply class. No interchangeability or substitution relationship is implied.

5905-00-000-0136 RESISTOR NETWORK, FIXED, FILM	5905-00-000-0488 5905-00-000-0488 · Item name not on file	5905-00-000-8809 5905-00-000-8809 · Item name not on file	5905-00-000-8833 5905-00-000-8833 · Item name not on file
5905-00-000-9526 5905-00-000-9526 · Item name not on file	5905-00-001-1342 5905-00-001-1342 · Item name not on file	5905-00-001-1573 5905-00-001-1573 · Item name not on file	5905-00-001-2059 5905-00-001-2059 · Item name not on file

FREQUENTLY ASKED QUESTIONS

What is NSN 5905-00-059-9103?

NSN 5905-00-059-9103 is a Resistor, fixed, film, manufactured by Hensoldt Sensors Gmbh Div Seps, classified under FSC 5905, Resistor. Status: active.

What part numbers are listed for NSN 5905-00-059-9103?

NSN 5905-00-059-9103 has 1 manufacturer part number on file: 5M5106-222-16 (Hensoldt Sensors Gmbh Div Seps).

What are the specifications of 5M5106-222-16?

Key specifications for 5M5106-222-16: Resistance Tolerance in Percent: -1.000 TO 1.000; Temp Coefficient of Resistance in Ppm Per Deg Celsius: -50.0 TO 50.0; Body Diameter: 0.125 INCHES NOMINAL IN; Electrical Resistance: 2.740 KILOHMS. 17 specifications are documented in the U.S. Government catalog.

Is NSN 5905-00-059-9103 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/5905-00-059-9103

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

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