

Resistor, Thermal

5905-01-059-8513

NSN 5905-01-059-8513 · NIIN 010598513 · Part number 10-00416-001

Raytheon Company · FSC 5905 — Resistor · FSG 59 — Electrical and Electronic Equipment Components · CAGE 00724

GOVERNMENT RECORD, CITED

NSN 5905-01-059-8513 — this item is cataloged by the U.S. Government under National Stock Number 5905-01-059-8513. Manufacturer of record part number: 10-00416-001.

ALSO SEARCHED AS 5905-01-059-8513 · 5905010598513 · NIIN 010598513 · 01-059-8513 · FSC 5905 Resistor · CAGE 00724 · 10-00416-001 · K2725

NEARBY STOCK NUMBERS ← 5905-01-059-8349 · 5905-01-059-9233 Resistor, Variable, Nonwire Wound, →

FEATURES

- Resistor,thermal — FSC 5905
- Overall Diameter: 0.250 INCHES NOMINAL IN
- Style Designator: SCREW MOUNTED
- Mounting Facility Screw Thread Series Designator: UNIFIED NATIONAL COARSE (UNC)
- Power Dissipation Constant in Milliwatts Per Deg Celsius: 2.2
- Thermal Time Constant in Seconds: 100.0
- Mounting Thread Quantity: 32 PER INCH
- Maximum Operating Temp: 150.0 CELSIUS DEGC

IDENTIFICATION

- NSN: 5905-01-059-8513
- NIIN: 010598513
- FSC: 5905 — Resistor
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 10-00416-001
- Manufacturer: Raytheon Company

GENERAL DESCRIPTION

The Resistor,thermal, cataloged under National Stock Number 5905-01-059-8513, is classified within Federal Supply Class 5905 (Resistor) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Raytheon Company. Government technical data includes 10 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through both NSN and commercial part number lookups. 1 additional reference document (drawings, advisory and superseded references) is recorded in the U.S. Government catalog. Current acquisition status: Active.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
NSN	5905-01-059-8513
Primary Part Number	10-00416-001
Item Name	Resistor,thermal
FSC / FSG	5905 / 59 — Resistor
Manufacturer	Raytheon Company
Status	ACTIVE
Overall Diameter	0.250 INCHES NOMINAL IN
Style Designator	SCREW MOUNTED
Mounting Facility Screw Thread Series Designator	UNIFIED NATIONAL COARSE (UNC)
Power Dissipation Constant in Milliwatts Per Deg Celsius	2.2
Thermal Time Constant in Seconds	100.0
Mounting Thread Quantity	32 PER INCH
Maximum Operating Temp	150.0 CELSIUS DEGC
Body Length	0.260 INCHES NOMINAL IN
Mounting Facility Nominal Screw Thread Diameter	0.164 INCHES IN

PARAMETER	VALUE
Terminal Type and Quantity	2 WIRE LOOP

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
10-00416-001 PRIMARY	Raytheon Company (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
K2725	5/9 Secondary reference Honeywell International Inc. Dba Honeywell Div Sensing & Control

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 5905-01-059-8513?

NSN 5905-01-059-8513 is a Resistor, thermal, manufactured by Raytheon Company, classified under FSC 5905, Resistor. Status: active.

What part numbers are listed for NSN 5905-01-059-8513?

NSN 5905-01-059-8513 has 1 manufacturer part number on file: 10-00416-001 (Raytheon Company).

What are the specifications of 10-00416-001?

Key specifications for 10-00416-001: Overall Diameter: 0.250 INCHES NOMINAL IN; Style Designator: SCREW MOUNTED; Mounting Facility Screw Thread Series Designator: UNIFIED NATIONAL COARSE (UNC); Power Dissipation Constant in Milliwatts Per Deg Celsius: 2.2. 10 specifications are documented in the U.S. Government catalog.

Is NSN 5905-01-059-8513 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/5905-01-059-8513

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