

Semiconductor Device, Thyristor

5961-01-059-5972

NSN 5961-01-059-5972 · NIIN 010595972

FSC 5961 — Semiconductor Devices and Associated Hardware · FSG 59 — Electrical and Electronic Equipment Components


GOVERNMENT RECORD, CITED

ALSO SEARCHED AS
 5961-01-059-5972 ·
 5961010595972 ·
 NIIN 010595972 ·
 01-059-5972 ·
 FSC [5961](#) Semiconductor Devices and Associated Hardware ·
 SKT600/10 ·
 S34B10B ·
 C390P

NEARBY STOCK NUMBERS
 ←
 5961-01-059-5971 ·
 5961-01-059-6686 Transistor
 →

FEATURES

- Semiconductor Device,thyristor — FSC 5961
- Voltage Rating in Volts Per Characteristic: 1000.0 NOMINAL OFF-STATE VOLTAGE, RMS TOTAL
- Maximum Operating Temp Per Measurement Point: 125.0 CELSIUS JUNCTION DEGC
- Mounting Method: COMPRESSION
- Semiconductor Material: SILICON
- Current Rating Per Characteristic: 800.00 AMPERES NOMINAL ON-STATE CURRENT, DC
- Material: CERAMIC ENCLOSURE
- Terminal Type and Quantity: 2 CASE AND 1 PIN

IDENTIFICATION

- NSN: 5961-01-059-5972
- NIIN: 010595972
- FSC: 5961 — Semiconductor Devices and Associated Hardware
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Semiconductor Device,thyristor, cataloged under National Stock Number 5961-01-059-5972, is classified within Federal Supply Class 5961 (Semiconductor Devices and Associated Hardware) of the Electrical and Electronic Equipment Components group. Government technical data includes 8 specifications, cited from the U.S. Government catalog. 3 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5961-01-059-5972
Item Name	Semiconductor Device,thyristor
FSC / FSG	5961 / 59 — Semiconductor Devices and Associated Hardware
Status	ACTIVE
Voltage Rating in Volts Per Characteristic	1000.0 NOMINAL OFF-STATE VOLTAGE, RMS TOTAL
Maximum Operating Temp Per Measurement Point	125.0 CELSIUS JUNCTION DEGC
Mounting Method	COMPRESSION
Semiconductor Material	SILICON
Current Rating Per Characteristic	800.00 AMPERES NOMINAL ON-STATE CURRENT, DC
Material	CERAMIC ENCLOSURE
Terminal Type and Quantity	2 CASE AND 1 PIN
Power Rating Per Characteristic	5.0 WATTS MAXIMUM AVERAGE GATE POWER-FORWARD

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

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

REFERENCE DOCUMENTS

REFERENCE	MEANING
SKT600/10	5/9 Secondary reference Semikron Intl Inc
S34B10B	5/2 Secondary reference U.S. Government activity
C390P	3/9 Design control — primary reference General Electric Co Semi-Conductor Products Dept

No interchangeability data on file.

OTHER ITEMS IN FSC 5961 — SEMICONDUCTOR DEVICES AND ASSOCIATED HARDWARE

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

5961-00-000-0150 RECTIFIER,SEMICONDUCTOR DEVICE,U	5961-00-000-4541 5961-00-000-4541 · Item name not on file	5961-00-000-5400 5961-00-000-5400 · Item name not on file	5961-00-000-7614 5961-00-000-7614 · Item name not on file
5961-00-000-8760 5961-00-000-8760 · Item name not on file	5961-00-001-1352 5961-00-001-1352 · Item name not on file	5961-00-001-2624 5961-00-001-2624 · Item name not on file	5961-00-001-2978 SEMICONDUCTOR DEVICE,DIODE

FREQUENTLY ASKED QUESTIONS

What is NSN 5961-01-059-5972?

NSN 5961-01-059-5972 is a Semiconductor Device,thyristor, classified under FSC 5961, Semiconductor Devices and Associated Hardware. Status: active.

What are the specifications of 5961-01-059-5972?

Key specifications for 5961-01-059-5972: Voltage Rating in Volts Per Characteristic: 1000.0 NOMINAL OFF-STATE VOLTAGE, RMS TOTAL; Maximum Operating Temp Per Measurement Point: 125.0 CELSIUS JUNCTION DEGC; Mounting Method: COMPRESSION; Semiconductor Material: SILICON. 8 specifications are documented in the U.S. Government catalog.

Is NSN 5961-01-059-5972 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/5961-01-059-5972


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


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