

Crystal Unit, Quartz

5955-01-059-9842

NSN 5955-01-059-9842 · NIIN 010599842

FSC 5955 — Oscillators and Piezoelectric Crystals · FSG 59 — Electrical and Electronic Equipment Components

GOVERNMENT RECORD, CITED

ALSO SEARCHED AS 5955-01-059-9842 · 5955010599842 · NIIN 010599842 · 01-059-9842 · FSC 5955 Oscillators and Piezoelectric Crystals · CR-69A/U16.000MHZ · MIL-C-3098/47 · CR69/U16M00000 · MIL-PRF-3098/47

NEARBY STOCK NUMBERS ← 5955-01-059-9841 · 5955-01-059-9843 →

FEATURES

- Crystal Unit,quartz — FSC 5955
- Frequency Tolerance for Operating Temp in Percent: -0.002 TO 0.002 AND -0.003 TO 0.003
- Terminal Diameter: 0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN
- Terminal Length: 0.500 INCHES MINIMUM AND 0.830 INCHES MAXIMUM IN
- Mode of Oscillation: FUNDAMENTAL
- Body Width: 0.402 INCHES MAXIMUM IN
- Equivalent Resistance Value in Ohms: 25.0 MAXIMUM
- Overall Thickness: 0.183 INCHES MAXIMUM IN

IDENTIFICATION

- NSN: 5955-01-059-9842
- NIIN: 010599842
- FSC: 5955 — Oscillators and Piezoelectric Crystals
- FSG: 59 — Electrical and Electronic Equipment Components

GENERAL DESCRIPTION

The Crystal Unit,quartz, cataloged under National Stock Number 5955-01-059-9842, is classified within Federal Supply Class 5955 (Oscillators and Piezoelectric Crystals) of the Electrical and Electronic Equipment Components group. Government technical data includes 18 specifications, cited from the U.S. Government catalog. 4 additional reference documents (drawings, advisory and superseded references) are recorded in the U.S. Government catalog.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	5955-01-059-9842
Item Name	Crystal Unit,quartz
FSC / FSG	5955 / 59 — Oscillators and Piezoelectric Crystals
Status	ACTIVE
Frequency Tolerance for Operating Temp in Percent	-0.002 TO 0.002 AND -0.003 TO 0.003
Terminal Diameter	0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN
Terminal Length	0.500 INCHES MINIMUM AND 0.830 INCHES MAXIMUM IN
Mode of Oscillation	FUNDAMENTAL
Body Width	0.402 INCHES MAXIMUM IN
Equivalent Resistance Value in Ohms	25.0 MAXIMUM
Overall Thickness	0.183 INCHES MAXIMUM IN

PARAMETER	VALUE
Style Designator	OVAL BODY, PIN TERMINALS
Drive Level Rating	4.0 MILLIWATTS MINIMUM AND 6.0 MILLIWATTS MAXIMUM
Specification/standard Data	81349-MIL-C-3098/47 GOVERNMENT SPECIFICATION
Center to Center Distance Between Terminals	0.184 INCHES MINIMUM AND 0.200 INCHES MAXIMUM IN
Load Capacitance in Picofarads	29.5 MINIMUM AND 30.5 MAXIMUM
Circuit Resonance	ANTIRESONANCE
Shunt Capacitance in Picofarads	7.0 MAXIMUM
Operating Temp Range	-40.0 TO 90.0 CELSIUS AND -55.0 TO 105.0 CELSIUS DEGC
Test Data Document	81349-MIL-C-3098/83 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.).
Specified Frequency	16.000 MEGAHERTZ
Body Thickness	0.150 INCHES MAXIMUM IN

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
CR-69A/U16.000MHZ	C/1 Advisory reference — outside the item-of-supply concept U.S. Government activity
MIL-C-3098/47	5/9 Secondary reference U.S. Government activity
CR69/U16M00000	2/2 Government specification standardization U.S. Government activity
MIL-PRF-3098/47	4/1 Identification reference U.S. Government activity

No interchangeability data on file.

Other Items in FSC 5955 – Oscillators and Piezoelectric Crystals

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

5955-00-001-1622 5955-00-001-1622 · Item name not on file	5955-00-001-2933 5955-00-001-2933 · Item name not on file	5955-00-001-2977 CRYSTAL UNIT,QUARTZ	5955-00-001-3014 CRYSTAL UNIT,QUARTZ
5955-00-001-3242 5955-00-001-3242 · Item name not on file	5955-00-001-3243 5955-00-001-3243 · Item name not on file	5955-00-001-3244 5955-00-001-3244 · Item name not on file	5955-00-001-3328 CRYSTAL UNIT,QUARTZ

Frequently Asked Questions

What is NSN 5955-01-059-9842?

NSN 5955-01-059-9842 is a Crystal Unit,quartz, classified under FSC 5955, Oscillators and Piezoelectric Crystals. Status: active.

What are the specifications of 5955-01-059-9842?

Key specifications for 5955-01-059-9842: Frequency Tolerance for Operating Temp in Percent: -0.002 TO 0.002 AND -0.003 TO 0.003; Terminal Diameter: 0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN; Terminal Length: 0.500 INCHES MINIMUM AND 0.830 INCHES MAXIMUM IN; Mode of Oscillation: FUNDAMENTAL. 18 specifications are documented in the U.S. Government catalog.

Is NSN 5955-01-059-9842 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/5955-01-059-9842

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

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