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Crystal Unit, Quartz

5955-01-059-0370

NSN 5955-01-059-0370 · NIIN 010590370 · Part number 1017945-12B

Palomar Products, Inc. · FSC 5955 — Oscillators and Piezoelectric Crystals · FSG 59 — Electrical and Electronic Equipment Components · CAGE 00816

GOVERNMENT RECORD, CITED

NSN 5955-01-059-0370 — this item is cataloged by the U.S. Government under National Stock Number 5955-01-059-0370. Manufacturer of record part number: **1017945-12B**.

ALSO SEARCHED AS 5955-01-059-0370 · 5955010590370 · NIIN 010590370 · 01-059-0370 · FSC 5955 Oscillators and Piezoelectric Crystals · CAGE 00816 · 1017945-12B · 945051-12B

NEARBY STOCK NUMBERS ← 5955-01-059-0369 · 5955-01-059-0371 →

FEATURES

- Crystal Unit,quartz — FSC 5955
- Frequency Tolerance for Operating Temp in Percent: -0.001 TO 0.001
- Terminal Diameter: 0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN
- Overall Diameter: 0.350 INCHES MINIMUM AND 0.380 INCHES MAXIMUM IN
- Terminal Length: 0.500 INCHES MINIMUM IN
- Mode of Oscillation: FIFTH OVERTONE
- Equivalent Resistance Value in Ohms: 55.0 MAXIMUM
- Style Designator: HAT TYPE, 3 WIRE LEADS

IDENTIFICATION

- NSN: 5955-01-059-0370
- NIIN: 010590370
- FSC: 5955 — Oscillators and Piezoelectric Crystals
- FSG: 59 — Electrical and Electronic Equipment Components
- Primary part number: 1017945-12B
- Manufacturer: Palomar Products, Inc.

GENERAL DESCRIPTION

The Crystal Unit,quartz, cataloged under National Stock Number 5955-01-059-0370, is classified within Federal Supply Class 5955 (Oscillators and Piezoelectric Crystals) of the Electrical and Electronic Equipment Components group. The manufacturer of record is Palomar Products, Inc.. Government technical data includes 14 specifications, cited from the U.S. Government catalog. The record lists 2 manufacturer part numbers 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through both NSN and commercial part number lookups. 1 additional reference document (drawings, advisory and superseded references) is recorded in the U.S. Government catalog.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	5955-01-059-0370
Primary Part Number	1017945-12B
Item Name	Crystal Unit,quartz
FSC / FSG	5955 / 59 — Oscillators and Piezoelectric Crystals
Manufacturer	Palomar Products, Inc.
Status	ACTIVE
Frequency Tolerance for Operating Temp in Percent	-0.001 TO 0.001

PARAMETER	VALUE
Terminal Diameter	0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN
Overall Diameter	0.350 INCHES MINIMUM AND 0.380 INCHES MAXIMUM IN
Terminal Length	0.500 INCHES MINIMUM IN
Mode of Oscillation	FIFTH OVERTONE
Equivalent Resistance Value in Ohms	55.0 MAXIMUM
Style Designator	HAT TYPE, 3 WIRE LEADS
Diameter	0.310 INCHES MINIMUM AND 0.330 INCHES MAXIMUM IN
Drive Level Rating	0.16 MILLIWATTS MINIMUM AND 0.24 MILLIWATTS MAXIMUM
Center to Center Distance Between Terminals	0.190 INCHES MINIMUM AND 0.210 INCHES MAXIMUM IN
Circuit Resonance	SERIES RESONANCE
Shunt Capacitance in Picofarads	3.6 MAXIMUM
Operating Temp Range	+50.0 TO 60.0 CELSIUS DEGC
Specified Frequency	101.964281 MEGAHERTZ

LIFECYCLE & COMPLIANCE

Acquisition Status	ACTIVE
DEMIL Code	DEMIL D – DESTROY ITEM
Hazard	NO HAZARD CODE IN THE DLA RECORD (HMIC N)
Criticality Code	X

CROSS-REFERENCE INDEX

PART NUMBER	MANUFACTURER
1017945-12B PRIMARY	Palomar Products, Inc. (USA)
1017945-12B	Raytheon Company DbA Raytheon (USA)

REFERENCE DOCUMENTS

REFERENCE	MEANING
945051-12B	7/2 Vendor item drawing 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 5955-01-059-0370?

NSN 5955-01-059-0370 is a Crystal Unit,quartz, manufactured by Palomar Products, Inc., classified under FSC 5955, Oscillators and Piezoelectric Crystals. Status: active.

What part numbers are listed for NSN 5955-01-059-0370?

NSN 5955-01-059-0370 has 2 manufacturer part numbers on file: 1017945-12B (Palomar Products, Inc.), 1017945-12B (Raytheon Company Dba Raytheon).

What are the specifications of 1017945-12B?

Key specifications for 1017945-12B: Frequency Tolerance for Operating Temp in Percent: -0.001 TO 0.001; Terminal Diameter: 0.016 INCHES MINIMUM AND 0.019 INCHES MAXIMUM IN; Overall Diameter: 0.350 INCHES MINIMUM AND 0.380 INCHES MAXIMUM IN; Terminal Length: 0.500 INCHES MINIMUM IN. 14 specifications are documented in the U.S. Government catalog.

Is NSN 5955-01-059-0370 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.

What is the DEMIL code for NSN 5955-01-059-0370?

NSN 5955-01-059-0370 has DEMIL Code D. Demilitarization may be required before disposal or transfer to non-military entities.

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/5955-01-059-0370


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


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