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5XM2500HM – RESISTOR, FIXED, WIRE WOUND

✓ Government record, cited

— · MRO · MRO_GENERAL

PRODUCT OVERVIEW

5XM2500HM: RESISTOR, FIXED, WIRE WOUND.

The RESISTOR, FIXED, WIRE WOUND is a the manufacturer industrial component. Key specifications include body_length: 0.876 INCHES MINIMUM AND 1.000 INCHES MAXIMUM IN, body_diameter: 0.157 INCHES MINIMUM AND 0.219 INCHES MAXIMUM IN, cubic_measure: 0.038 CUBIC INCHES, terminal_type: WIRE LEAD, inclosure_type: ENCAPSULATED, terminal_length: 1.500 INCHES MINIMUM IN. This part is cataloged in the U.S.

Government catalog under NSN 5905-00-059-4455, indicating validated use in U.S. government and defense logistics supply chains. Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels.

Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

MRO → MRO_GENERAL →

5XM2500HM

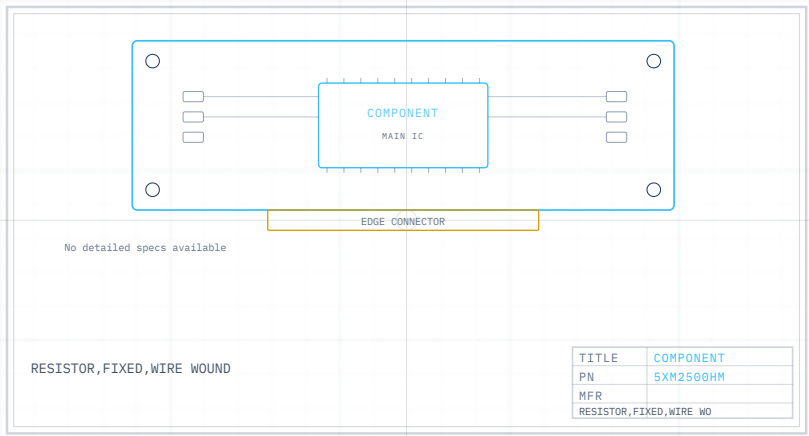
NSN: 5905-00-059-4455
FSC: 5905 — Resistor
CAGE: 63743 — WARD LEONARD CT LLC (USA)

SPECIFICATIONS

body_length	0.876 INCHES MINIMUM AND 1.000 INCHES MAXIMUM IN
body_diameter	0.157 INCHES MINIMUM AND 0.219 INCHES MAXIMUM IN
cubic_measure	0.038 CUBIC INCHES
terminal_type	WIRE LEAD

inclosure_type	ENCAPSULATED
terminal_length	1.500 INCHES MINIMUM IN
style_designator	AXIAL TERMINAL EACH END
electrical_resistance	250.000 OHMS
reliability_indicator	NOT ESTABLISHED
resistance_tolerance_in_percent	-5.000 TO 5.000
ambient_temp_at_fullRated_power	25.0 CELSIUS DEGC
power_dissipation_rating_in_watts	5.000 FREE AIR
NSN	5905-00-059-4455

COMPONENT DIAGRAM



KEY FEATURES

- RESISTANCE TOLERANCE IN PERCENT: -5.000 TO 5.000
- TEMP COEFFICIENT OF RESISTANCE IN PPM PER DEG CELSIUS: -170.0 TO 170.0
- BODY DIAMETER: 0.157 INCHES MINIMUM AND 0.219 INCHES MAXIMUM IN
- ELECTRICAL RESISTANCE: 250.000 OHMS

- **INCLOSURE TYPE: ENCAPSULATED**
- **TERMINAL TYPE: WIRE LEAD**
- **TERMINAL LENGTH: 1.500 INCHES MINIMUM IN**
- **STYLE DESIGNATOR: AXIAL TERMINAL EACH END**

TECHNICAL CHARACTERISTICS

RESISTANCE TOLERANCE IN PERCENT	-5.000 TO 5.000
TEMP COEFFICIENT OF RESISTANCE IN PPM PER DEG CELSIUS	-170.0 TO 170.0
BODY DIAMETER	0.157 INCHES MINIMUM AND 0.219 INCHES MAXIMUM IN
ELECTRICAL RESISTANCE	250.000 OHMS
INCLOSURE TYPE	ENCAPSULATED
TERMINAL TYPE	WIRE LEAD
TERMINAL LENGTH	1.500 INCHES MINIMUM IN
STYLE DESIGNATOR	AXIAL TERMINAL EACH END
POWER DISSIPATION RATING IN WATTS	5.000 FREE AIR
AMBIENT TEMP AT FULL RATED POWER	25.0 CELSIUS DEGC

OTHER ITEMS IN FSC 5905 — RESISTOR

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

5905-00-000-0136

5905-00-000-0488

5905-00-000-8809

5905-00-000-8833

5905-00-000-9526

5905-00-001-1342

5905-00-001-1573

5905-00-001-2059

SUBSTITUTES & CROSS-REFERENCES
1

5XM2500HM5PCT
Reference document

Same NSN cross-reference
 Reference document — Advisory reference — outside the item-of-supply concept

LIFECYCLE

NSN status
 Active
 · U.S. Government catalog

Acquisition advice: Semi-active item — no replacement planned

No demilitarization required

FREQUENTLY ASKED QUESTIONS

What is 5XM2500HM?

5XM2500HM is a RESISTOR, FIXED, WIRE WOUND. It is classified as a MRO (MRO_GENERAL).

What parts can replace 5XM2500HM?

There is 1 known substitute for 5XM2500HM: 5XM2500HM5PCT. Substitute compatibility should be verified for your specific system.

What is the NSN for 5XM2500HM?

5XM2500HM is cataloged in the U.S. Government catalog under NSN 5905-00-059-4455. This indicates validated use in U.S. government and defense supply chains.

✓ **PartsTable** — the parts reference. Every fact cited to its source.

 **PartsTable Design LLC** · partstable.com

U.S. Government catalog: edition PUBLOGDVD v12.0.0 (OCT 2026), edition date 2026-10-01, retrieved 2026-10-18.

PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.