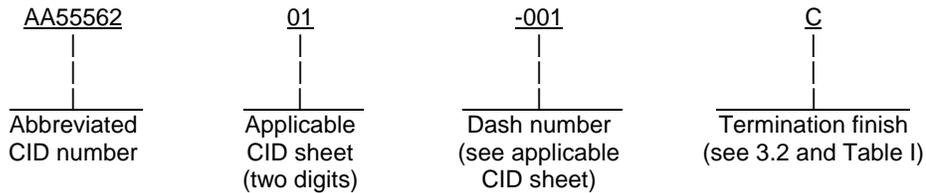


COMMERCIAL ITEM DESCRIPTION

RESISTOR, VOLTAGE SENSITIVE (VARISTOR, METAL OXIDE), CHIP

The General Services Administration has authorized the use of this commercial item description (CID) for all federal agencies.

1. **SCOPE.** This CID covers the general requirements for a varistor. The varistor covered by this CID is intended for commercial/industrial applications.
2. **CLASSIFICATION.** This CID uses a classification system which is included in the Part or Identification Number (PIN) as shown in the following example (see 7.1).



3. SALIENT CHARACTERISTICS

- 3.1 **Interface and physical dimensions.** The varistors supplied to this CID shall be as specified on the applicable CID sheet.
- 3.2 **Termination finish.** The termination finish is identified by a single letter in accordance with table I.

TABLE I. Termination finish.

Code letter	Termination finish
C	Platinum/Palladium/Silver (Pt/Pd/Ag)
P	Nickel barrier with Tin Alloy Plated finish (Ni/Sn)

- 3.3 **Ambient temperature.** The ambient temperature shall be -55°C to +125°C.
 - 3.4 **Marking.** Marking of individual varistors is not required but is permitted; however, each unit pack shall be marked with the manufacturer's standard commercial PIN.
4. **REGULATORY REQUIREMENTS.** This section is not applicable to this CID.

Beneficial comments, recommendations, additions, deletions, clarifications, etc., and any data which may improve this document should be sent to: Defense Supply Center, Columbus, ATTN: DSCC-VAT, P. O. Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-0553, or facsimile (FAX) (614) 692-6939.

5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance.

5.2 Certificate of compliance. Each contractor desiring to be listed as a suggested source of supply shall submit a DSCC certificate of compliance to DSCC-VAT. This certificate shall state that the contractor's product meets all the requirements of this CID. In addition, a certificate of compliance shall accompany all varistors supplied to this CID.

6. PACKAGING. Preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES

7.1 PIN. The PIN should be used for Government purposes to buy commercial products to this CID. See section 2 for PIN format example.

7.2 Commercial and Government Entity (CAGE) code. For ordering purposes, inventory control, and submission of these resistors to DSCC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.3 Source of documents. This section is not applicable to this CID.

7.4 Ordering data. The contract or purchase order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Product conformance provisions.
- c. Packaging requirements.

7.7 Government users. To acquire information on obtaining these resistors from the Government inventory system, contact Defense Supply Center, Columbus, ATTN: DSCC-CP, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-7684.

MILITARY INTERESTS:

Custodian:
NAVY - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE
Preparing Activity:
DLA-CC
Project 5905-1614