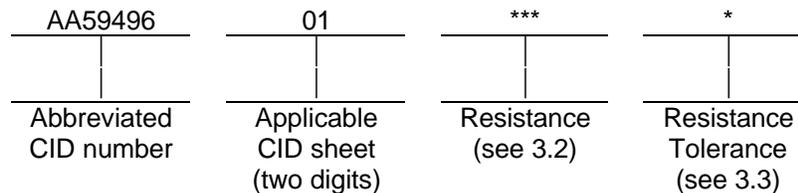


COMMERCIAL ITEM DESCRIPTION

RESISTOR, VARIABLE, TRIMMER NONWIRE WOUND, AND WIREWOUND GENERAL REQUIREMENTS FOR

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 variable, nonwire wound, wire wound, single turn, multi-turn and lead-screw actuated, with a contact bearing uniformly over the entire surface of the entire resistive element, when positioned by an actuator. These resistors are capable of full load operation at maximum temperatures, and are suitable for continuous operation when properly derated. Requirements for specific resistors are covered in the individual CID sheets.
2. **CLASSIFICATION.** This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see 7.1).



3. SALIENT CHARACTERISTICS

3.1 Interface and physical dimensions. The resistors supplied to this CID shall be as specified on the applicable CID sheet.

3.2 Resistance. The nominal resistance value expressed in ohms is identified by a three digit number; the first two digits represent significant figures and the last digit specifies the number of zeros to follow. Resistance values for specific resistors are covered in the individual CID sheets.

3.3 Resistance tolerance. The resistance tolerances shall be as specified on the applicable CID sheet.

3.4 Power rating. The power rating shall be as specified on the applicable CID sheet.

3.5 Operating ambient temperature. The operating ambient temperature shall be as specified on the applicable CID sheet.

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, Post Office Box 3990, Columbus, OH 43216-5000, telephone (614)692-0552, or facsimile (FAX) (614)692-6939.

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3.6 Marking. Resistors supplied to this CID shall be marked with the manufacturer's commercial PIN.

4. REGULATORY REQUIREMENTS

4.1 Recycled/recovered materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE 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 is the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

6. PACKAGING

6.1 Preservation, packing, and marking. 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 order should specify the following:

- a. CID document number, revision, and CID PIN.
- b. Quality assurance provisions.
- c. Packaging requirements.

7.5 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:

Custodians:
Navy - EC
DLA -CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE
Preparing Activity:
DLA - CC
Project 5905-1579