

[INCH-POUND]
 A-A-59769A
22 January 2013
 SUPERSEDING
 A-A-59769
 15 April 2005

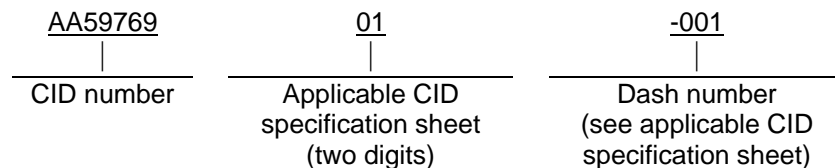
COMMERCIAL ITEM DESCRIPTION

RESISTOR NETWORKS, BALL GRID ARRAY TERMINATORS GENERAL REQUIREMENTS FOR

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

1. **SCOPE.** This commercial item description (CID) covers the general requirements for a resistor network, ball grid array terminator. These resistors networks provide series and parallel termination between the source and the receiver. Requirements for specific resistor networks are covered in the individual CID specification sheets. The resistor networks covered by this CID are intended for commercial/industrial applications.

2. **CLASSIFICATION/PART OR IDENTIFICATION NUMBER (PIN).** This CID uses a classification system which is included in the 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 specification sheet.

3.1.1 **CID specification sheet.** The family of resistor networks shall be in accordance with the requirements specified herein and the applicable CID specification sheet. In the event of a conflict between the general CID and the applicable CID specification sheet, that latter will govern.

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

3.3 **Marking.** Resistors supplied to this CID shall be marked with the manufacturer's (MFR's) standard commercial PIN. The PIN marked on the unit pack shall be the CID PIN.

Beneficial comments, recommendations, additions, deletions, clarification, etc. and any data that may improve this document should be sent to: DLA Land and Maritime, ATTN: VAT, Post Office Box 3990, Columbus, Ohio 43218-3990 or by email Resistor@dla.mil. Since contact information can change, you may want to verify the currency of this address information using the ASSIST Online database at <https://assist.dla.mil/>.

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3.4 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.5 Workmanship. Resistor shall be processed in such a manner as to be uniform in quality and shall be free from other defects that will affect life, serviceability, or appearance.

4. REGULATORY REQUIREMENTS 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. 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 market. The Government reserves the right to require proof of such conformance.

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 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see Section 3).

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

7.4 Source of documents.

FEDERAL REGULATIONS

FAR 23.403 - Federal Acquisition Regulations (FAR) - Use of Recovered Materials.

(Copies of these documents are available online at <https://assist.dla.mil/quicksearch/> or from the DLA Document Services Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

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

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

7.6 Government users. To acquire information on obtaining these resistors from the Government inventory system, contact DLA Land and Maritime, ATTN: DLA Land and Maritime-FMX, Post Office Box 3990, Columbus, OH 43216-5000, or telephone (614) 692-3677.

7.7 Changes from previous issue. The margins of this CID are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

MILITARY INTERESTS:

Custodians:
Navy - EC
DLA -CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS
Preparing Activity:
DLA - CC
Project 5905-2010-026

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.