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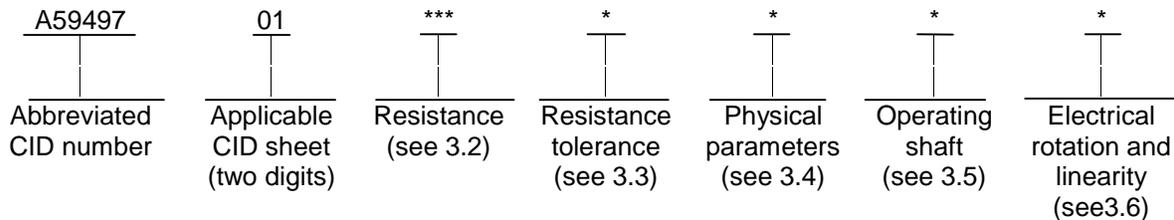
[INCH-POUND]  
A-A-59497  
23 February 2000

## COMMERCIAL ITEM DESCRIPTION

### RESISTORS, VARIABLE, NONWIRE WOUND, WIRE WOUND, PRECISION, NONPRECISION, 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 wire wound, nonwire wound, precision, nonprecision variable resistors. The individual requirements for specific resistors are covered in the individual CID sheets. For technical assistance when utilizing parts for parameters not specifically detailed, contact the manufacturers listed on applicable CID sheets. The resistors covered by this CID are intended for commercial/industrial applications.
2. **CLASSIFICATION.** This CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see 6.1)



### 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.

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 by telephone (614) 692-8754 or facsimile (FAX) (614) 693-1644 or (614)-692-6936

AMSC N/A  
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FSC 5905

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

3.4 Physical parameters. The physical parameters shall be as specified on the applicable CID sheet.

3.5 Operating shaft. The operating shaft style and length shall be as specified on the applicable CID sheet.

3.6 Electrical rotation and linearity. The electrical rotation and linearity shall be as specified on the applicable CID sheet

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

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

3.9 Marking. Resistors supplied to this CID shall be marked with the manufacturer's (MFR's) standard 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. The 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:

Custodian  
NAVY - EC  
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE  
Preparing Activity:  
DLA - CC  
Project 5905-1580