

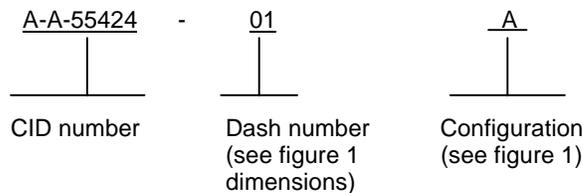
[INCH-POUND]
A-A-55424A
15 December 2000
SUPERSEDING
A-A-55424
30 May 1993

COMMERCIAL ITEM DESCRIPTION

RETAINER, CAPACITOR

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 wraparound retainers for capacitors. Retainers 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 7.1).



3. SALIENT CHARACTERISTICS.

Interface and physical dimensions. The retainers supplied to this CID shall be as specified herein (see figure 1).

3.2 Material

- a. Configuration A. Material shall be .030 steel spot welded to feet of .060 steel (three-piece construction).
- b. Configuration B. Material shall be .035 steel (one-piece construction).

3.3 Finish. Finish shall be zinc plated.

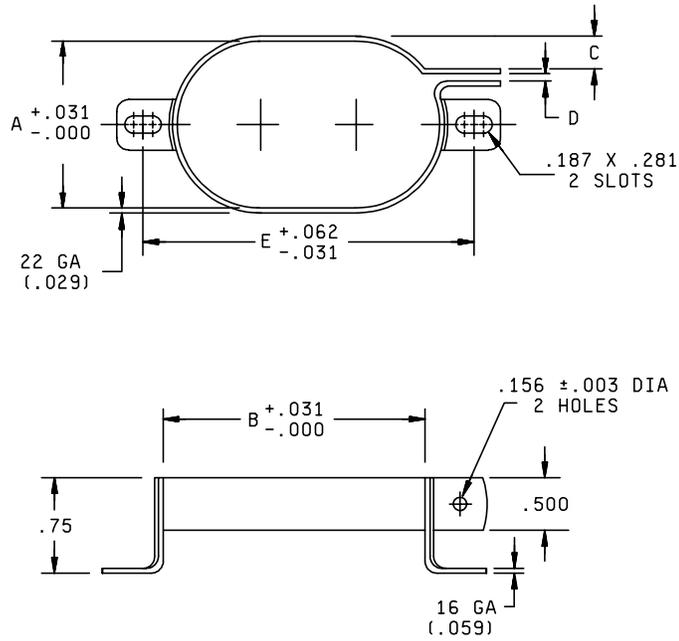
3.4 Workmanship. Retainers shall be free of burrs and sharp edges.

3.5 Marking. Retainers supplied to this CID shall be identified and marked with paper labels with the manufacturer's standard commercial PIN.

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, or telephone (614) 692-0563, or facsimile (FAX) (614) 692-6939.

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CONFIGURATION A

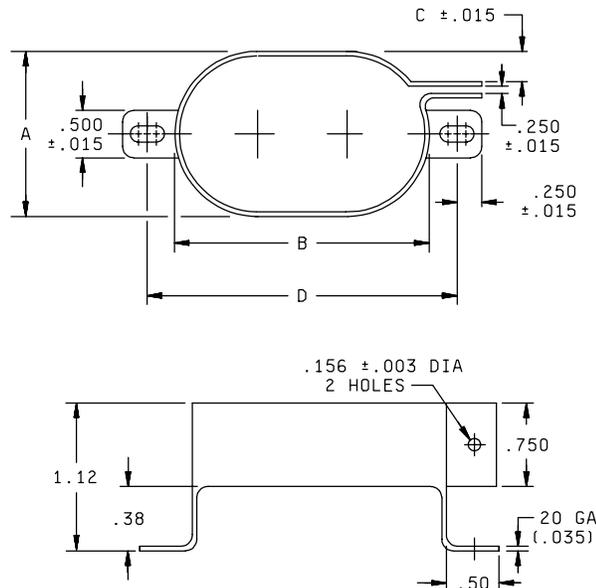


CID PIN A-A-55424	Dimension chart				
	Dimension A	Dimension B	Dimension C	Dimension D	Dimension E
-01A	1.250	2.062	.125	.125	2.688
-02A	1.812	2.812	.312	.125	3.438
-03A	1.875	3.562	.500	.125	4.188
-04A	2.125	2.844	.500	.125	3.469
-05A	1.500	2.641	.188	.125	3.188

Inches	mm
.125	3.18
.188	4.78
.312	7.92
.500	12.70
1.250	26.04
1.500	37.10
1.812	46.02
1.875	47.63
2.062	52.37
2.125	53.98
2.641	67.08
2.688	68.02
2.812	71.42
2.844	72.24
3.188	79.98
3.438	86.33
3.469	87.11
3.562	89.47
4.188	106.38

FIGURE 1. Dimensions and configurations.

CONFIGURATION B



CID PIN A-A-55424	Dimension chart			
	Dimension A	Dimension B	Dimension C	Dimension D
-06B	1.234	2.062	.125	2.688
-07B	1.797	2.797	.312	3.438
-08B	1.859	3.547	.500	4.188
-09B	1.484	2.609	.188	3.266
-10B	1.254	2.072	.125	2.688
-11B	1.750	2.766	.312	3.438

Inches	mm
.125	3.18
.188	4.78
.312	7.92
.500	12.70
1.234	31.34
1.250	31.85
1.484	37.69
1.750	44.45
1.797	45.64
1.859	47.22
2.062	52.37
2.072	52.63
2.609	66.27
2.688	68.28
2.766	70.26
2.797	71.04
3.266	81.96
3.438	89.33
3.547	89.09
4.188	106.38

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ±.003 (0.08 mm) for three place decimals and ±.02 (0.5 mm) for two place decimals.

FIGURE 1. Dimensions and configurations - Continued.

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4. REGULATORY REQUIREMENTS. The offerer/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 producers 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.

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 retainers to DSCC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

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

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

7.4 Commercial products. As part of the market analyses and research effort, this CID was coordinated with the following manufacturers of commercial products. At the time of CID preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers of be used to restrict procurement to only the manufacturers shown.)

Manufacturers CAGE

Manufacturers name and address

09166

Stone City Products Company
1206 Seventh Street
Bedford, IN 47421

7.5 Part number (P/N) supersession data. These CID part numbers supersede the following manufacturers part numbers as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE I. P/N supersession data.

CID PIN A-A-55424-	Vendor commercial PIN	Vendor CAGE number
01A	1C1747-01Z1	09166
02A	1C1747-02Z1	09166
03A	1C1747-03Z1	09166
04A	1C1747-04Z1	09166
05A	1C1747-05Z1	09166
06B	1C1748-01Z1	09166
07B	1C1748-02Z1	09166
08B	1C1748-03Z1	09166
09B	1C1748-05Z1	09166
10B	1C1748-06Z1	09166
11B	1C1748-07Z1	09166

^{1/} The manufacturers P/N shall not be used for procurement to the requirements of this CID. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown.

7.6 Government users. To acquire information on obtaining these retainers from the Government inventory system, contact the Defense Supply Center, Columbus, ATTN: DSCC-CPC , Post Office Box 3990, Columbus OH 43216-5000, or telephone (614)692-7583

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY

DLA-CC

(Project 5910-2093)