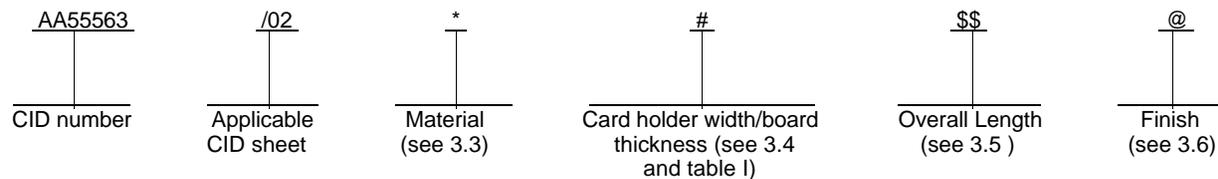


COMMERCIAL ITEM DESCRIPTION

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, OPEN ENDED, WITHOUT FLARED ENTRY, WITH 2 OFFSET (SIDE) MOUNTING HOLES

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

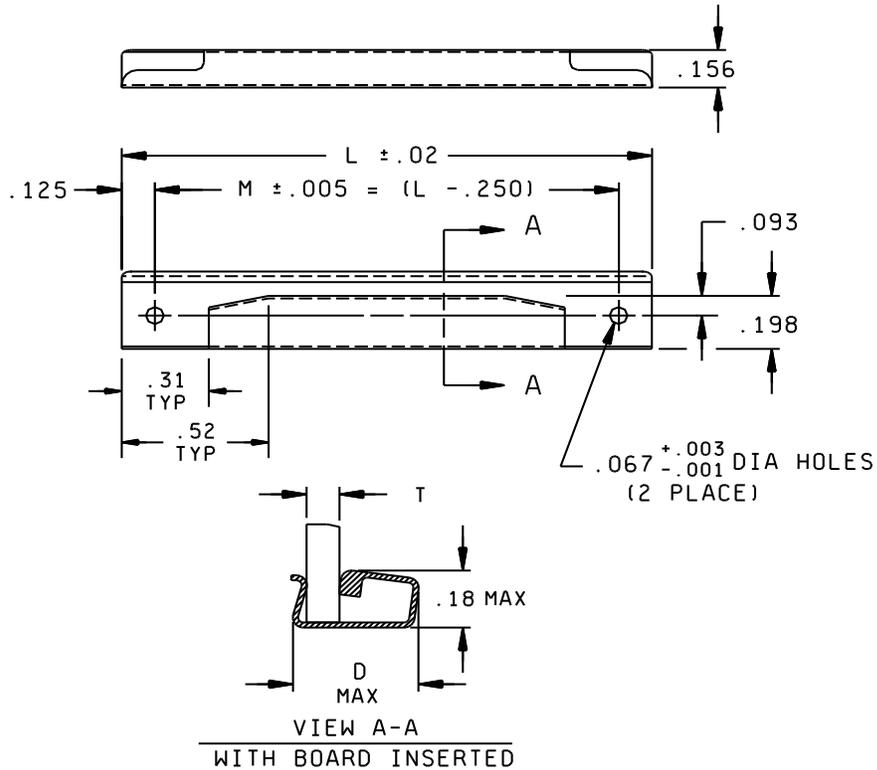
1. **SCOPE.** This CID covers the general requirements for a family of metal card guides, known as card holders, open ended, without flared entry, with 2 offset (side) mounting holes intended for use to guide and hold circuit card assemblies into their installed positions. Items covered by this CID are intended for all federal agencies applications and environments.
2. **CLASSIFICATION.** The CID uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see 7.1). The following part identification numbering procedure is for Government purposes and does not constitute a requirement for the contractor.



3. SALIENT CHARACTERISTICS.

- 3.1 **General CID specification.** Card holders shall meet the general requirements of A-A-55563 and as defined herein. In the event of conflict between A-A-55563 and this CID sheet, this CID sheet shall govern.
- 3.2 **Design, construction, and physical dimensions.** Card holders shall be of the design, construction, and physical dimensions as specified in figure 1.
- 3.3 **Material type.** Materials types shall be defined in table I of A-A-55563. Applicable material type designator A, B, C, or D shall be included in the PIN (see section 2).
 - 3.3.1 **Material thickness.** Material thickness shall be .008 inch (0.20 mm).
 - 3.4 **Card holder width/board thickness.** Card holder width/board thickness shall be defined in table I herein and is shown in figure 1 as dimensions "D" and "T" (see table I and figure 1, herein). Applicable card holder width/board thickness designator A, B, C, or D shall be included in the PIN (see section 2).
 - 3.5 **Overall length.** Overall length shall be defined in table II of A-A-55563. Overall length is shown in figure 1 as dimension "L", and is displayed in table II herein (see figure 1 and table II, herein). Applicable overall length designator 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 shall be included in the PIN (see section 2).
 - 3.6 **Finish.** Finish materials types shall be defined in table III of A-A-55563. Applicable finish materials designator A, B, C, D, E, F, G, H, I, J, or K, shall be included in the PIN (see section 2).
 - 3.7 **Marking.** Card holders supplied to this CID shall be marked with the manufacturer's standard commercial PIN.
 - 3.8 **Workmanship.** Workmanship shall be defined in A-A-55563.

Beneficial comments, recommendations, additions, deletions, clarification, etc., and any data which may improve this document should be sent to: Defense Electronics Supply Center, ATTN: DESC-ELST, 1507 Wilmington Pike, Dayton, OH 45444-5764, or telephone (513) 296-6278, facsimile (513) 296-6870.



Inches	mm								
.001	0.03	.015	0.38	.093	2.36	.198	5.03	.360	9.14
.003	0.08	.020	0.51	.125	3.18	.250	6.35	.520	13.21
.005	0.13	.067	1.72	.180	4.57	.310	7.87		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are $\pm .02$ (0.51 mm), for 2 places and $\pm .010$ (0.25 mm), for 3 places.

FIGURE 1. Card holder design and dimensions.

TABLE I. Card holder width/board thickness.

Designator	Card holder width 1/ 2/		Board thickness 1/ 2/ 3/	
	Dimension "D" max		Dimension "T" ref	
	Inches	mm	Inches	Inches mm
A	.33	8.38	1/32	.0312 0.76
B	.33	8.38	1/16	.0625 1.52
C	.33	8.38	3/32	.0937 2.29
D	.37	9.40	1/8	.1250 3.30

- 1/ See dimensions "D" and "T" in view A - A of figure 1 in the applicable CID sheet.
- 2/ Do not use card holder width/board thickness, dimensions "D" or "T" for PIN construction.
- 3/ Dimension "T" is given as reference.

4. REGULATORY REQUIREMENTS. This section is not applicable to this CID.

5. QUALITY ASSURANCE PROVISIONS.

5.1 Contractor certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of this CID and of the applicable individual CID requirements, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5.2 Market acceptability. The following market acceptability criteria are necessary to document the quality of the product to be provided under this CID:

- a. The company producing the item must have been producing similar products meeting the requirements of this CID for a period of at least 2 years for the government or commercial users.

6. PACKAGING

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

7. NOTES. This section contains relevant information which is useful to buyers, users, and suppliers in the process of acquiring the item, but is not mandatory.

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 CAGE code. For ordering purposes, inventory control, and submission of these card holders to DESC under the Military Parts Control Advisory Group (MPCAG) evaluation program, CAGE code 58536 should be used.

7.3 Source of documents. Unless otherwise indicated, source of documents provisions shall be defined in A-A-55563.

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

- a. CID sheet number, revision, and CID PIN.
- b. Quality assurance provisions.
- c. If a bid sample is required.
- d. Packaging requirements, including pack quantity.

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

<u>MFG CAGE</u>	<u>MFG name and address</u>
99378	Atlee Corporation 10 Bayfield Drive North Andover, MA 01845 (508) 681-1003 (508) 686-2934 (FAX)
18915	E. G. & G. Birtcher Corporation 4505 North Arden Drive P.O. Box 5268 El Monte, CA 91734-1268 (818) 442-2572 (818) 442-8127 (FAX)

MFG CAGE

65884

MFG name and address

Sigmaton, Incorporated
 4549 Gateway Circle
 Dayton, OH 45440
 (513) 435-2129
 (513) 435-6375 (FAX)

7.6 Part number (P/N) supersession data. This CID supersedes the following manufacturer's P/Ns as shown in table II. This information is being provided to assist in reducing proliferation in the government inventory system.

TABLE II. MFG P/N supersession data.

CID PIN; AA55563/02*#\$\$@ 1/				MANUFACTURERS 2/		
Material type (table I of A-A-55563)	Card holder thickness (table I herein)	Overall length designator (table II of A-A-55563) Inches (mm)	Finish (table III of A-A-55563)	CAGE 99378 3/	CAGE 18915 4/	CAGE 65884 5/
*	#	20 = 2.0 (50.80)	@	11909-M12-01-T-P	35-1M-T-4-F	5/
*	#	25 = 2.5 (63.50)	@	11909-M12-02-T-P	35-1M-T-5-F	5/
*	#	30 = 3.0 (76.20)	@	11909-M12-03-T-P	35-1M-T-6-F	5/
*	#	35 = 3.5 (88.90)	@	11909-M12-04-T-P	35-1M-T-7-F	5/
*	#	40 = 4.0 (101.60)	@	11909-M12-05-T-P	35-1M-T-8-F	5/
*	#	45 = 4.5 (114.30)	@	11909-M12-06-T-P	35-1M-T-9-F	5/
*	#	50 = 5.0 (127.00)	@	11909-M12-07-T-P	35-1M-T-10-F	5/
*	#	55 = 5.5 (139.70)	@	11909-M12-08-T-P	35-1M-T-11-F	5/
*	#	60 = 6.0 (152.40)	@	11909-M12-09-T-P	35-1M-T-12-F	5/
*	#	65 = 6.5 (165.10)	@	11909-M12-10-T-P	_____	5/
*	#	70 = 7.0 (177.80)	@	11909-M12-11-T-P	_____	5/
*	#	75 = 7.5 (190.50)	@	11909-M12-12-T-P	_____	5/

1/ Asterisk (*) denotes material type (see 3.3). Pound sign (#) denotes card holder width/board thickness, dimension "D" (see 3.4 and figure 1 herein). Dollar signs (\$\$) denotes overall length 20 through 75, dimension "L" (see 3.5, figure 1 herein, and A-A-55563). At sign (@) denotes finish material (see 3.6).

EXAMPLE PIN: AA55563/02AC20D = Holder, electrical card, metal card guide, open ended, without flared entry, with 2 offset (side) mounting holes; base material is beryllium copper 1/4 hard; card holder width/board thickness, dimension "D", is .33 inch (8.38 mm), dimension "T" is .0937 inch (2.29 mm), commonly known as having a board thickness of 3/32 inch; the overall length is 2.0 inches (50.80 mm), dimension "L"; and the finish is black ebonal per MIL-F-495.

2/ The manufacturer's 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 PINs shown.

3/ MFG CAGE 99387 the series type is "11909-M12" without flare, the letter "M" denotes material type, the number "1" is the material thickness of .008 inches, the number "2" denotes the height grip, the numbers "01" through "12" denotes card holder lengths, the letter "T" denotes card holder width/board thickness, and the letter "P" denotes finish material.

4/ MFG CAGE 18915 the series type is "35-1" without flare, the letter "M" denotes material type, the letter "T" denotes card holder width/board thickness, the numbers "4" through "12" denotes card holder lengths, and the letter "F" denotes finish material.

5/ MFG CAGE 65884 catalog PIN's are the same as this CID sheet. See Note 1/.

7.7 Comments. Comments on this CID should be directed to Defense Electronics Supply Center, 1507 Wilmington Pike, ATTN: DESC-ELST, Dayton, OH 45444-5764, or telephone (513) 296-6278, (513) 296-6870 facsimile.

7.8 Government users. To acquire information on obtaining these card holders from the Government inventory system, contact Defense Electronics Supply Center, ATTN: DESC-EOA, 1507 Wilmington Pike, Dayton, OH 45444-5518, or telephone (513) 296-8483.

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA - ES

Project 5998-D064