

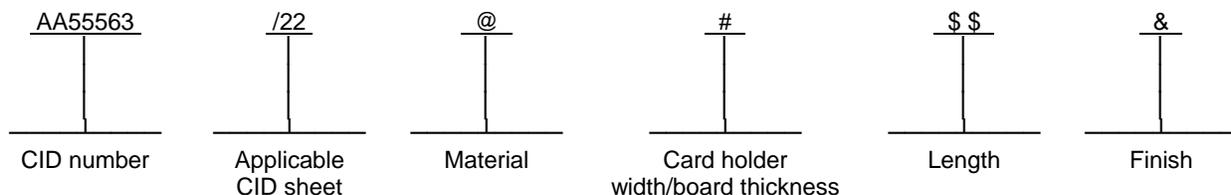
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE,
CLOSED ENDED, WITH FLARED ENTRY, WITH THREE MOUNTING HOLES,
FOR VERSAMODULE EUROCARD APPLICATIONS

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

The complete requirements for procuring metal card holders described herein shall consist of this document and the latest issue in effect of commercial item description (CID) [A-A-55563](#).

CLASSIFICATION/PART IDENTIFICATION NUMBER (PIN). This CID specification sheet uses a classification system which is included in the Part Identification Number (PIN) as shown in the following example (see [notes](#) herein).



Example: AA55563/22BA45R is the PIN for a beryllium copper, 4.5 inches (114 mm) long, low profile, closed ended, card holder. The card holder features a clear chromate zinc finish, three offset (side) mounting holes, a flared entry, and is designed to accommodate circuit card assemblies with printed board thicknesses of .031 inch (0.79 mm).

SALIENT CHARACTERISTICS.

Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified herein (see [figure 1](#), [table I](#), and [table II](#)) and meet the general requirements specified in CID [A-A-55563](#).

Material type. The materials types shall be as defined in [A-A-55563](#). The applicable material type designators for this CID specification sheet are "A" (beryllium copper 1/4 H, temper TD01), "B" (beryllium copper 1/4 HT, temper TH01) or "D" (stainless steel 1/4 H).

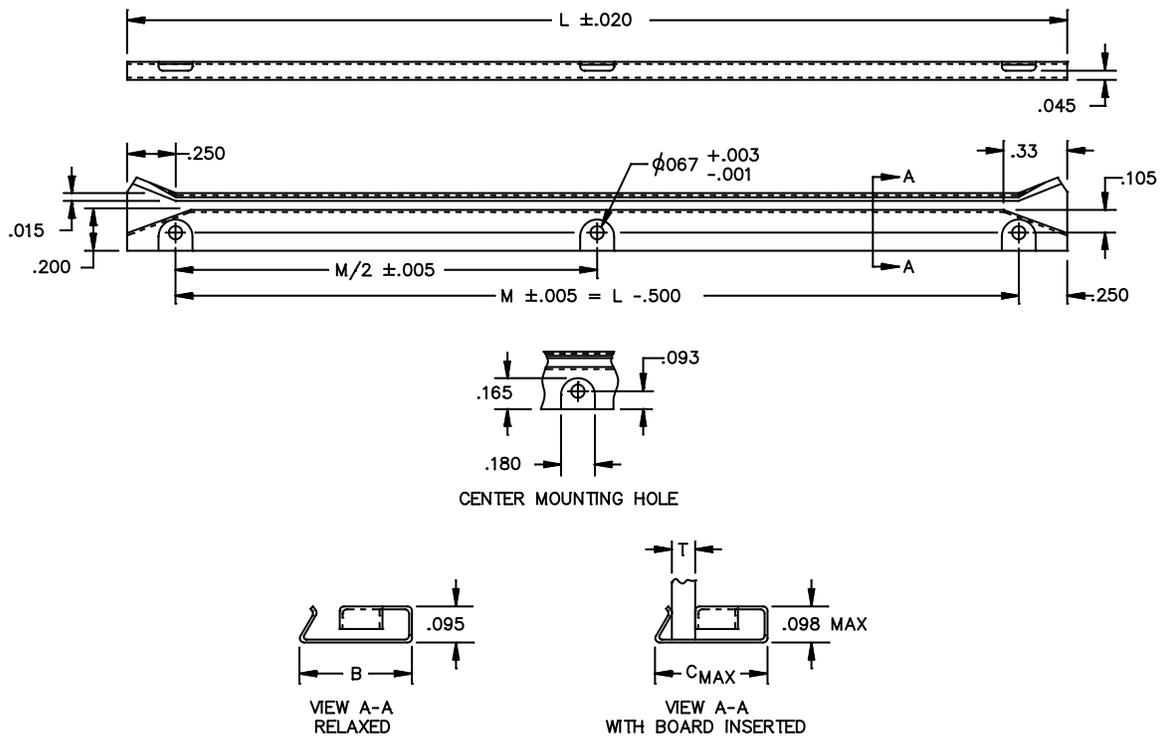
Material thickness. The material thickness shall be .008 inch \pm .001 inch (0.20 \pm 0.03 mm) for material designators "A" and "B" and .008 inch \pm .003 inch (0.20 \pm 0.08 mm) for material designator "C".

Card holder width/board thickness. The card holder width/board thickness shall be defined in [table I](#) herein and is shown on [figure 1](#) as dimension "T". The applicable card holder width/board thickness designators for this CID specification sheet are "A", "B", or "C", and shall be included in the PIN.

Overall length. Overall length is shown on [figure 1](#) as dimension "L", and is defined in [table II](#) herein. Applicable overall length designator "10", "15", "20", "25", "30", "35", "40", "45", "50", "55", or "60" shall be included in the PIN.

Finish. Finish materials types shall be defined in [A-A-55563](#). Applicable finish materials designator "C" (copper plate), "E" (gold plate), "F" (nickel plate), "H" (silver plate), "J" (zinc, yellow chromate), "K" (no finish), or "R" (zinc, clear chromate) are available for material type designators "A" (beryllium copper 1/4 H, temper TD01) and "B" (beryllium copper 1/4 HT, temper TH01). Finish designator "G" (passivate) is the only finish available for material type designator "D" (stainless steel). The finish designator shall be included in the PIN.

Mounting hole spacing. Mounting hole spacing is shown on [figure 1](#) as dimension "M" and "M/2". Dimension "M" and "M/2" are displayed in [table II](#) herein.



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.020	0.51	.095	2.41	.180	4.57
.003	0.08	.045	1.14	.098	2.49	.200	5.08
.005	0.13	.067	1.70	.105	2.67	.250	6.35
.015	0.38	.093	2.36	.165	4.19	.33	8.4
						.500	12.7

NOTES:

1. Dimensions are in inches.
2. Millimeters are given for general information only.
3. Unless otherwise specified, tolerances are $\pm .02$ inch (0.5 mm) for two place decimals and $\pm .010$ inch (0.25 mm) for three place decimals.

FIGURE 1. Card holder design and dimensions.

TABLE I. Card holder width/board thickness. ^{1/}

PIN designator for card holder width/board thickness	Dimension "T" (board thickness) ^{2/}		Dimension "B" ^{3/}		Dimension "C _{MAX} " ^{3/}	
	Inches	(mm)	Inches	(mm)	Inches	(mm)
A	.031	(0.79)	.300	(7.62)	.305	(7.75)
B	.063	(1.60)	.300	(7.62)	.305	(7.75)
C	.093	(2.36)	.300	(7.62)	.305	(7.75)

^{1/} See figure 1. Millimeters are given for general information only.

^{2/} Dimension "T" is given as reference.

^{3/} Unless otherwise specified, tolerances are ± 0.02 inch (0.5 mm) for two place decimals and ± 0.010 inch (0.25 mm) for three place decimals.

TABLE II. Length and hole spacing. ^{1/}

PIN overall length designator	Dimension "L" ± 0.020 (0.51)		Dimension "M" ± 0.005 (0.13)		Dimension "M/2" ± 0.005 (0.13)	
	Inches	mm	Inches	mm	Inches	mm
10	1.0	(25)	0.5	(13)	.25	(6)
15	1.5	(38)	1.0	(25)	.50	(13)
20	2.0	(51)	1.5	(38)	.75	(19.0)
25	2.5	(64)	2.0	(51)	1.0	(25.0)
30	3.0	(76)	2.5	(64)	1.25	(31.8)
35	3.5	(89)	3.0	(76)	1.5	(38.0)
40	4.0	(102)	3.5	(89)	1.75	(44.5)
45	4.5	(114)	4.0	(102)	2.0	(51.0)
50	5.0	(127)	4.5	(114)	2.25	(57.2)
55	5.5	(140)	5.0	(127)	2.5	(64.0)
60	6.0	(152)	5.5	(140)	2.75	(69.9)

^{1/} Millimeters are given for general information only.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See the [classification/part or identification number](#) section for PIN format example.

Source of documents.

Commercial Item Description

[A-A-55563](#) – Holder, Electrical Card, Metal Card Guide, General Requirements For.

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

Ordering data. Ordering data shall be as specified in [A-A-55563](#).

Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufacturers of commercial products. At the time of CID specification sheet preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID specification sheet. (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>Manufacturer CAGE</u>	<u>Manufacturer name and address</u>	<u>Manufacturer contact information</u>
18915	Birtcher – A Division of Pentair Technical Products 7328 Trade Street San Diego, CA 92121-3410	Telephone: (858) 740-2400 Toll Free: (800) 854-7086 Facsimile: (858) 740-2430 E-mail: info@birtcherproducts.com URL: www.birtcherproducts.com

Part number supersession data. This CID specification sheet supersedes the following manufacturer's part numbers as shown in [table III](#). This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. Commercial part number supersession data.

CID PIN; AA55563/22@#\$\$& 1/				Manufacturers 2/	
Material type	Card holder width/board thickness (see table I)	Overall length designator (see table II)	Finish 3/	CAGE 18915 4/	
A	#	10	&	35CF-8B-T-2-P	
A	#	15	&	35CF-8B-T-3-P	
A	#	20	&	35CF-8B-T-4-P	
A	#	25	&	35CF-8B-T-5-P	
A	#	30	&	35CF-8B-T-6-P	
A	#	35	&	35CF-8B-T-7-P	
A	#	40	&	35CF-8B-T-8-P	
A	#	45	&	35CF-8B-T-9-P	
A	#	50	&	35CF-8B-T-10-P	
A	#	55	&	35CF-8B-T-11-P	
A	#	60	&	35CF-8B-T-12-P	

See footnotes at end of table.

TABLE III. Commercial part number supersession data – Continued.

CID PIN; AA55563/22@#\$\$& <u>1/</u>				Manufacturers <u>2/</u>	
Material type	Card holder width/board thickness (see table I)	Overall length designator (see table II)	Finish <u>3/</u>	CAGE 18915 <u>4/</u>	
B	#	10	&	35CF-8BH-T-2-P	
B	#	15	&	35CF-8BH-T-3-P	
B	#	20	&	35CF-8BH-T-4-P	
B	#	25	&	35CF-8BH-T-5-P	
B	#	30	&	35CF-8BH-T-6-P	
B	#	35	&	35CF-8BH-T-7-P	
B	#	40	&	35CF-8BH-T-8-P	
B	#	45	&	35CF-8BH-T-9-P	
B	#	50	&	35CF-8BH-T-10-P	
B	#	55	&	35CF-8BH-T-11-P	
B	#	60	&	35CF-8BH-T-12-P	
D	#	10	&	35CF-8CR-T-2	
D	#	15	&	35CF-8CR-T-3	
D	#	20	G	35CF-8CR-T-4	
D	#	25	G	35CF-8CR-T-5	
D	#	30	G	35CF-8CR-T-6	
D	#	35	G	35CF-8CR-T-8	
D	#	40	G	35CF-8CR-T-8	
D	#	45	G	35CF-8CR-T-9	
D	#	50	G	35CF-8CR-T-10	
D	#	55	G	35CF-8CR-T-11	
D	#	60	G	35CF-8CR-T-12	

1/ The at sign (@) denotes material type, pound sign (#) denotes card holder width/board thickness (see dimension "T" on figure 1 herein), dollar signs (\$\$) denotes overall length (see dimension "L" on figure 1 herein and A-A-55563), and the ampersand (&) denotes finish.

2/ The manufacturer's part number shall not be used for procurement to the requirements of this CID specification sheet. At the time of preparation of this CID, the aforementioned commercial products were reviewed and could be replaced by the CID PINs shown. For actual part marking requirements, see the marking paragraph of A-A-55563.

3/ Finish materials designator "H", "K", "C", "D", "E", "F", "R", or "J" are available for this material type.

4/ Manufacturer CAGE 18915 superseded part number is constructed as follows: The series type is "35CF-8", the letter "T" denotes card holder width/board thickness, the numbers "2" through "12" denotes card holder lengths, and the letter "P" denotes finish material.

Changes from previous issue. The margins of this specification 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:
Army – CR
Navy – EC
Air Force – 85
DLA – CC

Review activity:
Air Force – 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA – FAS
Preparing activity:
DLA – CC
Project 5998-2012-041

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>.