

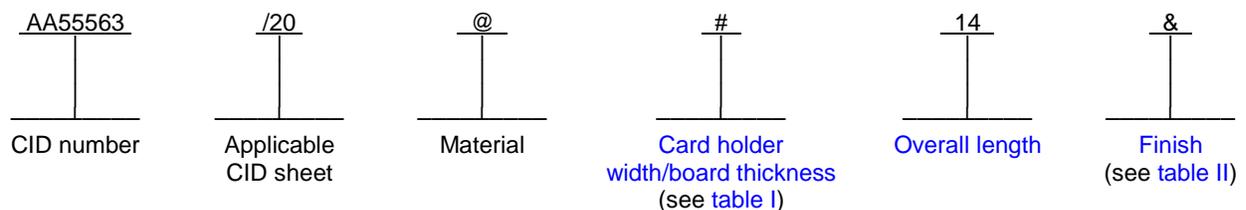
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE, OPEN ENDED,
WITH FLARED ENTRY, WITH 2 MOUNTING HOLES, SHORT LENGTH

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

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

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



Example: AA55563/20DB14G is the PIN is for a low profile card holder with flared entry and has two offset mounting
holes. The material type is stainless steel and a finish is passivate (only finish available for stainless steel card
holders), with a length is 1.37 inches (34.8 mm) (only length available for this card holder). The card holder is
designed to accommodate circuit card assemblies with printed board thicknesses of .062 inch (1.58 mm)

SALIENT CHARACTERISTICS.

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

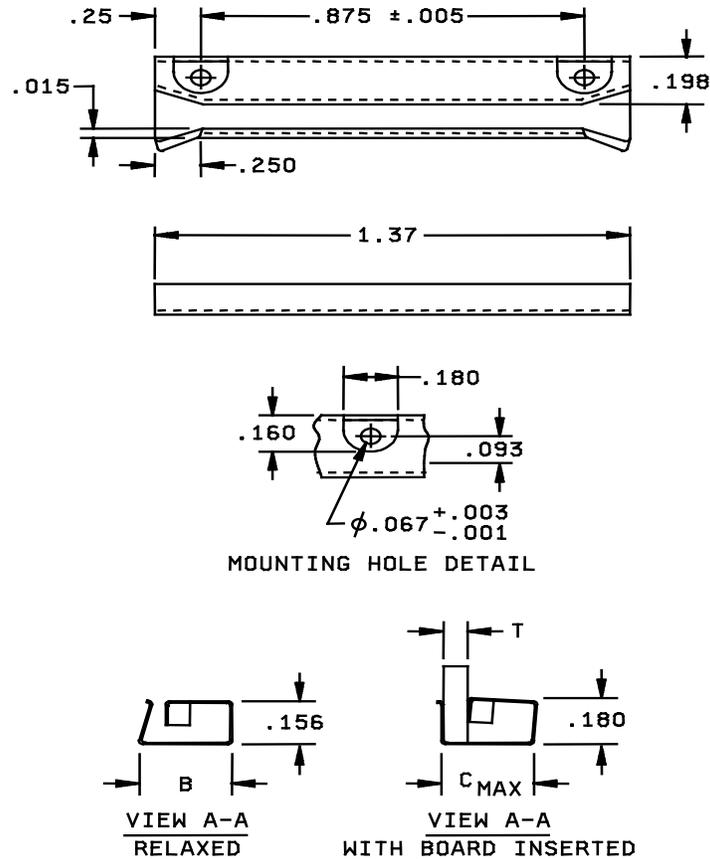
Material type. Material types shall be defined in [A-A-55563](#). The applicable material type designators for this CID
specification sheet are "A" (beryllium copper 1/4 H, temper TD01), "B" (beryllium copper 1/4 HT, temper TH01), or "D"
(stainless steel 1/4 H).

Material thickness. The material thickness shall be $.008 \pm .002$ inch (0.20 ± 0.05 mm).

Card holder width/board thickness. The card holder width/board thickness shall be defined in [table I](#) herein and
shown on [figure 1](#) as dimensions "C_{MAX}" and "T". The applicable card holder width/board thickness designators for
this CID specification sheet are "A", "B", "C", or "D".

Overall length. Overall length of the card holder is 1.37 ± 0.02 inches (34.8 ± 0.5 mm). Overall length is shown on [figure
1](#). Applicable overall length designator "14".

Finish. Finish materials types shall be defined in [A-A-55563](#). Applicable finish materials designators "C" (copper plate), "D" (black ebonal), "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" and "B". 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.



Inches	mm								
.001	0.03	.015	0.38	.156	3.96	.198	5.03	.875	22.22
.003	0.08	.067	1.70	.160	4.07	.250	6.35	1.37	34.8
.005	0.13	.093	2.36	.180	4.58	.25	6.4		

NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. 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.

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)	.298	(7.57)	.330	(8.39)
B	.063	(1.60)	.298	(7.57)	.330	(8.39)
C	.094	(2.39)	.298	(7.57)	.330	(8.39)
D	.125	(3.18)	.330	(8.39)	.370	(9.40)

^{1/} See [figure 1](#). Millimeter equivalents are given for general information only.

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

^{3/} Unless otherwise specified, tolerances are ±.02 inch (0.5 mm) for two place decimals and ±.010 inch (0.25 mm) for three place decimals.

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See the classification 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 URL: www.birtcherproducts.com

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

TABLE II. Commercial part number supersession data.

CID PIN; AA55563/20@#14& <u>1/</u>				Manufacturers <u>2/</u>	
Material type	Card holder width/board thickness	Overall length	Finish (&)	CAGE 18915	
				<u>3/</u>	
A	A	14	C, D, E, F, H, I, J, or K	35-5B-1-P	
A	B	14	C, D, E, F, H, I, J, or K	35-5B-2-P	
A	C	14	C, D, E, F, H, I, J, or K	35-5B-3-P	
A	D	14	C, D, E, F, H, I, J, or K	35-5B-4-P	
B	A	14	C, D, E, F, H, I, J, or K	35-5BH-1-P	
B	B	14	C, D, E, F, H, I, J, or K	35-5BH-2-P	
B	C	14	C, D, E, F, H, I, J, or K	35-5BH-3-P	
B	D	14	C, D, E, F, H, I, J, or K	35-5BH-4-P	
D	A	14	G	35-5CR-1	
D	B	14	G	35-5CR-2	
D	C	14	G	35-5CR-3	
D	D	14	G	35-5CR-4	

1/ See [classification/part or identification number](#) herein for symbol representations.

2/ The manufacturer's part number 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. For actual part marking requirements, see the marking paragraph of [A-A-55563](#).

3/ Manufacturer CAGE 18915 superseded part number suffix letter "P" denotes finish C, D, E, F, G, H, I, J, or K.

Guidance on use of alternative parts with less hazardous or non-hazardous materials. This specification provides for a number of alternative plating materials via the PIN. Users should select the PIN with the least hazardous material that meets the form, fit, and function requirements of their application.

Changes from previous issue. Asterisks are not used in this revision to identify changes with respect to the previous revision, due to the extensiveness of the changes.

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 5998–2012–038

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>.