

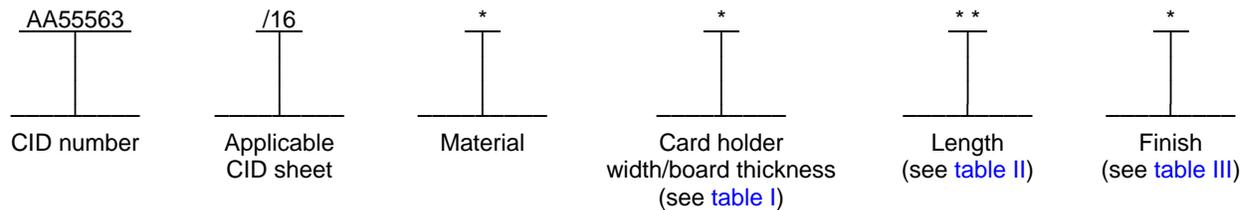
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE, OPEN ENDED,
WITHOUT FLARED ENTRY, WITH 3 MOUNTING HOLES,
WITH CONTROLLED INSIDE BEND RADIUS

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 OR 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: AA55563/16AC20D is the PIN for a beryllium copper (of temper TD01), 2.0 inches (50.8 mm) long, black ebonal finished, low profile card guide with flared entry. The card guide is designed to accommodate circuit card assemblies with printed board thicknesses of .0937 inch (2.29 mm) and has two offset mounting holes.

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](#).

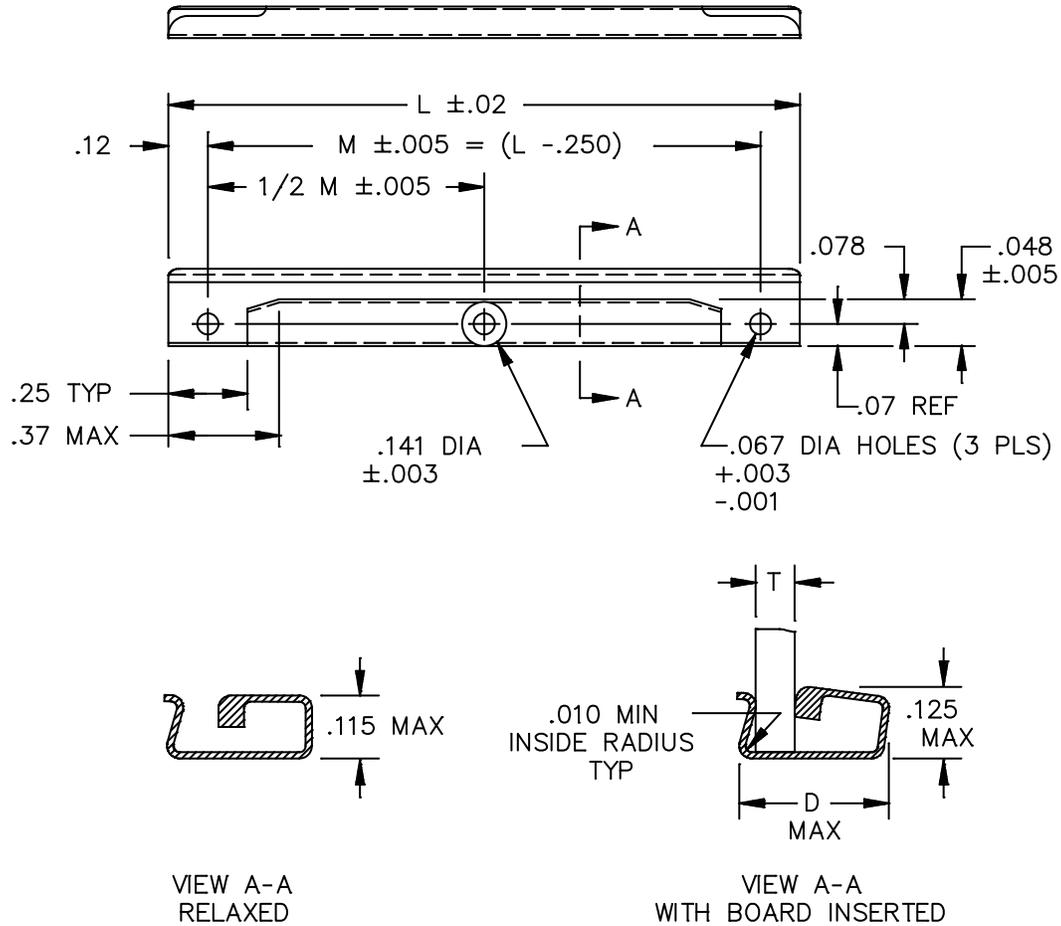
Material type. Materials types shall be defined in of [A-A-55563](#). The applicable material type designators for this CID specification sheet are "A" (beryllium copper ¼ H, temper TD01), "B" (beryllium copper ¼ HT, temper TH01), or "D" (stainless steel ¼ H).

Material thickness. The material thickness shall be 005 ±.002 inch (0.13 ±0.05 mm).

Card holder width/board thickness. The card holder width/board thickness shall be defined in [table I](#) herein and is shown in [figure 1](#) as dimensions "D" and "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 in [figure 1](#) as dimension "L", and is displayed in [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.

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	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.010	0.25	.048	1.22	.078	1.98	.125	3.18
.003	0.08	.015	0.381	.067	1.72	.115	2.92	.141	3.58
.005	0.13	.02	0.51	.07	1.78	.12	3.05	.25	6.35
								.37	9.39

NOTES:

1. Dimensions are in inches.
2. Millimeter equivalents are given for general information only.
3. Unless otherwise specified, tolerances are ± 0.02 inch (0.51 mm), for 2 places and ± 0.010 inch (0.25 mm), for 3 places.

FIGURE 1. Card holder design and dimensions.

TABLE I. Card holder width/board thickness.

PIN designator for card holder width / board thickness	Fractional equivalent	Card holder width <u>1/ 2/</u> Dimension "D" max		Board thickness <u>1/ 2/ 3/</u> Dimension "T" ref	
		Inches	mm	Inches	mm
		A	1/32	.27	6.85
B	1/16	.27	6.85	.0625	1.52
C	3/32	.27	6.85	.0937	2.29

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

TABLE II. Length and hole spacing. 1/

PIN designator for overall length	Dimension "L" ±.020 (0.51)		Dimension "M" ±.005 (0.13)	
	Inches	mm	Inches	mm
20	2.0	51	1.75	44.5
25	2.5	54	2.25	57.2
30	3.0	76	2.75	69.9
35	3.5	89	3.25	82.6
40	4.0	102	3.75	95.3
45	4.5	114	4.25	108.0
50	5.0	127	4.75	120.7
55	5.5	140	5.25	133.4
60	6.0	152	5.75	146.1
65	6.5	165	6.25	158.8
70	7.0	178	6.75	171.5
75	7.5	191	7.25	184.2

- 1/ Dimensions are in inches. Millimeters are given for information only.

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 (P/N) supersession data. These CID specification sheet PINs supersedes the following manufacturer's P/Ns as shown in [table III](#). The CID PINs listed in [table III](#) cover the different lengths available. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. Commercial P/N supersession data.

CID PIN; AA55563/16@#\$\$& 1/				Manufacturers 2/	
Material type (@)	Card holder width/board thickness	Overall length (\$\$)	Finish (&)	CAGE 18915 4/	
A	#	20	3/	35C-7B-T-4-F	
A	#	25	3/	35C-7B-T-5-F	
A	#	30	3/	35C-7B-T-6-F	
A	#	35	3/	35C-7B-T-7-F	
A	#	40	3/	35C-7B-T-8-F	
A	#	45	3/	35C-7B-T-9-F	
A	#	50	3/	35C-7B-T-10-F	
A	#	55	3/	35C-7B-T-11-F	
A	#	60	3/	35C-7B-T-12-F	
A	#	65	3/	35C-7B-T-13-F	
A	#	70	3/	35C-7B-T-14-F	
A	#	75	3/	35C-7B-T-15-F	
B	#	20	3/	35C-7BH-T-4-F	
B	#	25	3/	35C-7BH-T-5-F	
B	#	30	3/	35C-7BH-T-6-F	
B	#	35	3/	35C-7BH-T-7-F	
B	#	40	3/	35C-7BH-T-8-F	
B	#	45	3/	35C-7BH-T-9-F	

See footnotes at end of table.

TABLE III. Commercial part number supersession data – Continued.

CID PIN; AA55563/16@#\$\$& <u>1/</u>				Manufacturers <u>2/</u>	
Material type (@)	Card holder width/board thickness	Overall length (\$\$)	Finish (&)	CAGE 18915 <u>4/</u>	
B	#	50	<u>3/</u>	35C-7BH-T-10-F	
B	#	55	<u>3/</u>	35C-7BH-T-11-F	
B	#	60	<u>3/</u>	35C-7BH-T-12-F	
B	#	65	<u>3/</u>	35C-7BH-T-13-F	
B	#	70	<u>3/</u>	35C-7BH-T-14-F	
B	#	75	<u>3/</u>	35C-7BH-T-15-F	
D	#	20	G	35C-7CR-T-4	
D	#	25	G	35C-7CR-T-5	
D	#	30	G	35C-7CR-T-6	
D	#	35	G	35C-7CR-T-8	
D	#	40	G	35C-7CR-T-8	
D	#	45	G	35C-7CR-T-9	
D	#	50	G	35C-7CR-T-10	
D	#	55	G	35C-7CR-T-11	
D	#	60	G	35C-7CR-T-12	
D	#	65	G	35C-7CR-T-13	
D	#	70	G	35C-7CR-T-14	
D	#	75	G	35C-7CR-T-15	

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

2/ The manufacturer's P/N 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.

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

4/ MFG CAGE 18915 the series type is "35CF-7" (with center mounting hole and flare), the letters "B", "BH", or "CR" denotes material type, the letter "T" denotes card holder width/board thickness, the numbers "4" through "15" denotes card holder lengths, and the letter "F" denotes finish material.

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:
Navy – EC
Air Force – 99
DLA – CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA – FAS
Preparing Activity
DLA – CC
Project 5998–2012–033

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>.