

[INCH-POUND]
A-A-55563/30A
30 May 2016
SUPERSEDING
A-A-55563/30
9 March 2007

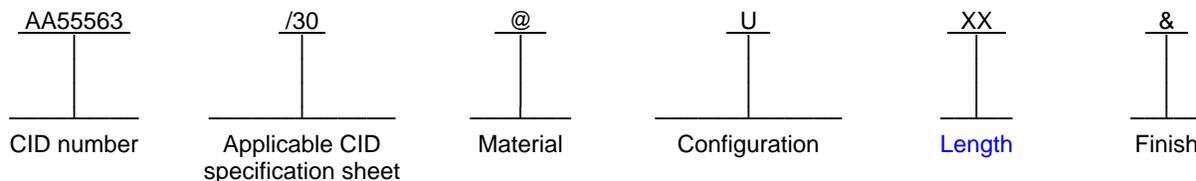
COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, CENTER MOUNTING, WITH MULTIPLE MOUNTING HOLES, UNSUPPORTED, FOR CHASSIS OR SUPPORTED MOUNTING APPLICATIONS

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 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: AA55563/30EH15H is the PIN for a phosphor bronze, 5.0 inches (127 mm) long, silver plated, five mounting hole card guide for use with heat sinks.

SALIENT CHARACTERISTICS.

Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified herein (see [figure 1](#)).

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, temper TD01), "F" (stainless steel, full hard), or "G" (phosphor bronze).

Material thickness. The beryllium copper, phosphor bronze, or stainless steel thickness shall be .009 ±.002 inch (0.23 ±0.05 mm).

Configuration. The card holder is designed for use in applications where the card holder is supported underneath, such as mounting in a chassis or on a motherboard. The designator "U" shall be included in the PIN.

Overall length. Overall length is shown on [figure 1](#) as dimension "L", and is displayed in [table I](#) herein. Applicable overall length designator "10", "15", "20", "25", "30", "35", "40", "45", "50", "55", "60", "65", "70", "75", "80", "85", "90", "95", "A0", or "A5" shall be included in the PIN.

Finish. Finish types shall be defined in [A-A-55563](#). Applicable finish materials designator "K" (no finish), "D" (black ebonal), "F" (electrodeposited nickel), or "H" (silver) are available for material type designator "A" and "G". Finish designator "G" (passivate) is the only finish available for material type designator "F".

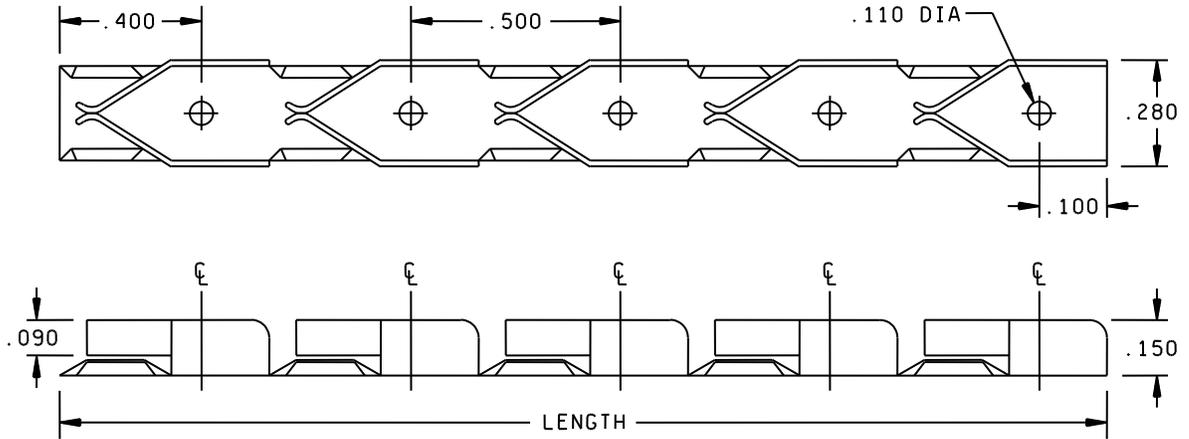
Mounting hole spacing. Mounting hole spacing is shown on [figure 1](#) as dimension "M". Dimension "M" is listed in [table I](#) herein.

AMSC N/A

FSC 5998



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Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.100	2.54	.150	3.81	.400	10.16
.090	2.29	.110	2.79	.280	7.11	.500	12.7

NOTES:

1. Dimensions are in inches. Millimeters are given for information only.
2. Unless otherwise specified, tolerances are ± 0.01 inch (0.25 mm) for two place decimals and ± 0.005 (0.13 mm) for three place decimals.

FIGURE 1. Card holder design and dimensions.

TABLE I. Length and hole spacing. ^{1/} _{2/}

PIN designator for overall length	Dimension "L" ± 0.020 (0.51)	PIN designator for overall length	Dimension "L" ± 0.020 (0.51)
10	1.0 (25)	60	6.0 (152)
15	1.5 (38)	65	6.5 (165)
20	2.0 (51)	70	7.0 (178)
25	2.5 (64)	75	7.5 (191)
30	3.0 (76)	80	8.0 (203)
35	3.5 (89)	85	8.5 (216)
40	4.0 (102)	90	9.0 (229)
45	4.5 (114)	95	9.5 (241)
50	5.0 (127)	A0	10.0 (254)
55	5.5 (140)	A5	10.5 (267)

^{1/} Millimeters, in parenthesis, are given for information only.

^{2/} Unless otherwise specified, tolerances are ± 0.02 inch (0.5 mm) for two place decimals and ± 0.010 (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](#) – Holders, Electrical Card, Metal Card Guide, General Requirements for

(Copies of these documents are available online at <http://quicksearch.dla.mil>.)

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</u> <u>CAGE</u>	<u>Manufacturer name and address</u>	<u>Manufacturer contact information</u>
07556	Unitrack Industries, Inc. 967 E. Masten Circle Milford, DE 19963-1085	Telephone: (302) 424-5050 Facsimile: (302) 424-5055 Electronic mail: unitrack@unitrack.com URL: http://www.unitrack.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.

<u>CID PIN; AA55563/30@UXX& 1/</u>				<u>Manufacturers 2/</u>	
<u>Material type</u>	<u>Configuration</u>	<u>Overall length designator</u>	<u>Finish</u>	<u>CAGE 07556</u>	
			3/		
A	U	10	3/	BC1000-1	
A	U	15	3/	BC1000-1.5	
A	U	20	3/	BC1000-2	
A	U	25	3/	BC1000-2.5	
A	U	30	3/	BC1000-3	
A	U	35	3/	BC1000-3.5	
A	U	40	3/	BC1000-4	
A	U	45	3/	BC1000-4.5	
A	U	50	3/	BC1000-5	
A	U	55	3/	BC1000-5.5	
A	U	60	3/	BC1000-6	
A	U	65	3/	BC1000-6.5	

See footnotes at end of table.

TABLE II. Commercial part number supersession data – Continued.

CID PIN; AA55563/30@UXX& <u>1/</u>				Manufacturers <u>2/</u>	
Material type	Configuration	Overall length designator	Finish	CAGE 07556	
A	U	70	<u>3/</u>	BC1000-7	
A	U	75	<u>3/</u>	BC1000-7.5	
A	U	80	<u>3/</u>	BC1000-8	
A	U	85	<u>3/</u>	BC1000-8.5	
A	U	90	<u>3/</u>	BC1000-9	
A	U	95	<u>3/</u>	BC1000-9.5	
A	U	A0	<u>3/</u>	BC1000-10	
A	U	A5	<u>3/</u>	BC1000-10.5	
F	U	10	G	SS1000-1	
F	U	15	G	SS1000-1.5	
F	U	20	G	SS1000-2	
F	U	25	G	SS1000-2.5	
F	U	30	G	SS1000-3	
F	U	35	G	SS1000-3.5	
F	U	40	G	SS1000-4	
F	U	45	G	SS1000-4.5	
F	U	50	G	SS1000-5	
F	U	55	G	SS1000-5.5	
F	U	60	G	SS1000-6	
F	U	65	G	SS1000-6.5	
F	U	70	G	SS1000-7	
F	U	75	G	SS1000-7.5	
F	U	80	G	SS1000-8	
F	U	85	G	SS1000-8.5	
F	U	90	G	SS1000-9	
F	U	95	G	SS1000-9.5	
F	U	A0	G	SS1000-10	
F	U	A5	G	SS1000-10.5	
G	U	10	<u>3/</u>	PB1000-1	
G	U	15	<u>3/</u>	PB1000-1.5	
G	U	20	<u>3/</u>	PB1000-2	
G	U	25	<u>3/</u>	PB1000-2.5	
G	U	30	<u>3/</u>	PB1000-3	
G	U	35	<u>3/</u>	PB1000-3.5	
G	U	40	<u>3/</u>	PB1000-4	
G	U	45	<u>3/</u>	PB1000-4.5	
G	U	50	<u>3/</u>	PB1000-5	
G	U	55	<u>3/</u>	PB1000-5.5	
G	U	60	<u>3/</u>	PB1000-6	
G	U	65	<u>3/</u>	PB1000-6.5	

See footnotes at end of table.

TABLE II. Commercial part number supersession data – Continued.

CID PIN; AA55563/30@UXX& <u>1/</u>				Manufacturers <u>2/</u>	
Material type	Configuration	Overall length designator	Finish <u>3/</u>	CAGE 07556	
G	U	70	<u>3/</u>	PB1000-7	
G	U	75	<u>3/</u>	PB1000-7.5	
G	U	80	<u>3/</u>	PB1000-8	
G	U	85	<u>3/</u>	PB1000-8.5	
G	U	90	<u>3/</u>	PB1000-9	
G	U	95	<u>3/</u>	PB1000-9.5	
G	U	A0	<u>3/</u>	PB1000-10	
G	U	A5	<u>3/</u>	PB1000-10.5	

1/ See Classification/Part or Identification Number (PIN) for symbol representation.

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 designators "K" (no finish), "D" (black ebonal), "F" (electrodeposited nickel), or "H" (silver) are applicable to these material types.

Guidance on use of alternative parts with less hazardous or non-hazardous materials. This CID specification sheet 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. 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: 5998–2016–013

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>.