



DEFENSE LOGISTICS AGENCY
DEFENSE SUPPLY CENTER, COLUMBUS
POST OFFICE BOX 3990
COLUMBUS, OH 43216-5000

IN REPLY
REFER TO

DSCC-VAC

July 9, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft of A-A-55563/21 and A-A-55563/22; Project Numbers 5998-0185 and 5998-0186

The initial drafts for these subject documents, dated July 9, 2004, are now available for viewing and downloading from the DSCC-VA Web site:

<http://www.dsccl.dla.mil/Programs/MilSpec/DocSearch.asp>

These documents are being developed to standardize on electrical card holders.

Concurrence or comments are required at this Center within 45 days from the date of this letter. Late comments will be held for the next coordination of the document. Comments from military departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians of this office, as applicable, in sufficient time to allow for consolidating the department reply.

The point of contact for this document is Mr. David Corbett, Defense Supply Center Columbus, DSCC-VAC, Post Office Box 3990, Columbus, OH 43218-3990. Mr. Corbett can also be reached at 614-692-0526/850-0526, or by facsimile 614-693-1642/850-1642, or by e-mail to: 5998_Documents@dsccl.dla.mil.

/Signed/

THOMAS M. HESS
Chief
Active Devices Team

cc:
VSS



[INCH-POUND]
A-A-55563/21
PROPOSED

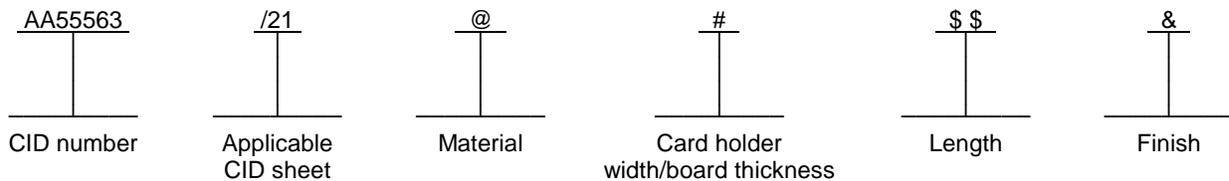
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE,
CLOSED ENDED, WITHOUT FLARED ENTRY, WITH 3 MOUNTING HOLES,
FOR VERSAMODULE EUROCARD 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).



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. Materials types shall be defined in table I of A-A-55563. The applicable material type designators for this CID specification sheet are "A", "B" or "D".

Material thickness. The material thickness shall be .008 inch (0.20 mm).

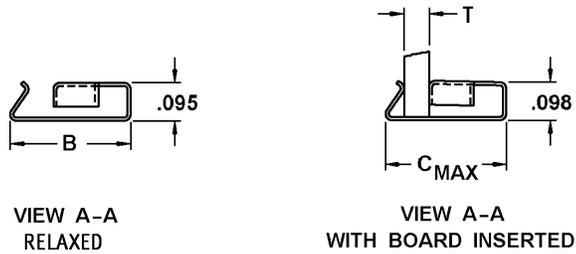
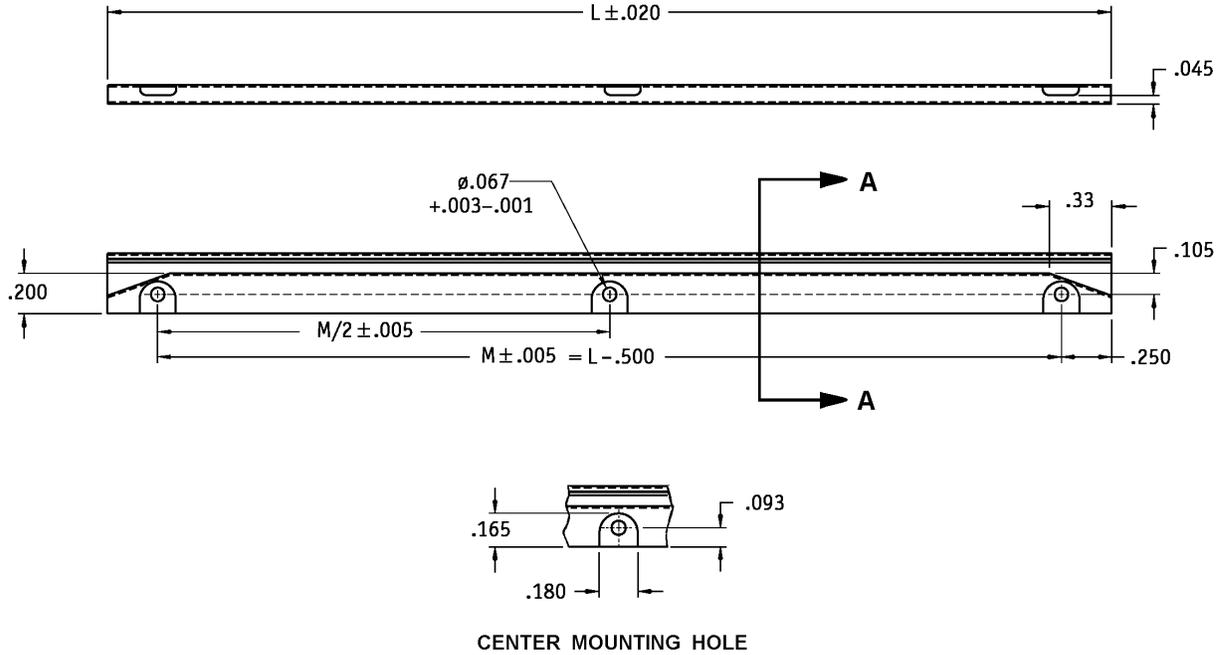
Card holder width/board thickness. The card holder width/board thickness shall be defined in table I herein and is shown on figure 1 as dimensions "C_{MAX}" and "T".

Overall length. Overall length shall be defined in table II of A-A-55563. Overall length is shown on figure 1 as dimension "L", and is displayed in table II herein. Applicable overall length designator "20", "25", "30", "35", "40", "45", "50", "55" or "60" 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.

Finish. Finish materials types shall be defined in table III of A-A-55563. Applicable finish materials designator "C", "E", "F", "H", "I", "J" or "K", shall be included in the PIN.

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

NOTES:

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

FIGURE 1. Card holder design and dimensions.

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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. Metric equivalents are given for information only.

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

^{3/} Unless otherwise specified, tolerances are ± .02 inch (0.51 mm) for two place decimals and ± .010 (0.25 mm) for three place decimals.

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

PIN overall length designator	Dimension "L" ± .020 (0.51)	Dimension "M" ± .005 (0.13)	Dimension "M/2" ± .005 (0.13)
20	2.0 (51)	1.5 (38)	.75 (19)
25	2.5 (64)	2.0 (51)	1.0 (25)
30	3.0 (76)	2.5 (64)	1.25 (31.8)
35	3.5 (89)	3.0 (76)	1.5 (38)
40	4.0 (102)	3.5 (89)	1.75 (44.5)
45	4.5 (114)	4.0 (102)	2.0 (51)
50	5.0 (127)	4.5 (114)	2.25 (57.2)
55	5.5 (140)	5.0 (127)	2.5 (64)
60	6.0 (152)	5.5 (140)	2.75 (69.9)

^{1/} Metric equivalents 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.

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.)

Manufacturer CAGE

Manufacturer name and address

Manufacturer contact information

18915

APW Electronic Solutions
14100 Danielson Street
Poway, CA 92064-6898

Tel: (858) 679-4550
Toll Free: (800) 854-7086
Fax: (858) 679-4555
E-mail: sales.electronicsolutions@apw.com
URL: www.apw.com

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

TABLE II. Commercial part number supersession data.

CID PIN; AA55563/21@#\$\$& 1/				Manufacturers 2/	
Material type (see A-A-55563)	Card holder width/board thickness (table I herein)	Overall length designator (see A-A-55563)	Finish (see A-A-55563)	CAGE 18915 3/	
@	#	20	&	35C-8M-T-4-P	
@	#	25	&	35C-8M-T-5-P	
@	#	30	&	35C-8M-T-6-P	
@	#	35	&	35C-8M-T-7-P	
@	#	40	&	35C-8M-T-8-P	
@	#	45	&	35C-8M-T-9-P	
@	#	50	&	35C-8M-T-10-P	
@	#	55	&	35C-8M-T-11-P	
@	#	60	&	35C-8M-T-12-P	

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

EXAMPLE PIN: AA55563/21AB55H = Holder, electrical card, metal card guide, low profile, open ended, without flared entry, with 3 offset mounting holes; base material is beryllium copper with temper 1/4H; card holder width/board thickness, dimension "C_{MAX}", is .305 inch (7.75 mm), dimension "T" is .063 inch (1.60 mm), commonly known as having a board thickness of "1/16"; the overall length is 5.5 inches (140 mm), dimension "L"; and the finish is silver.

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 is constructed as follows: The series type is "35C-8", 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 "P" denotes finish material.

MILITARY INTERESTS:

Custodians:
Army – CR
Navy – EC
Air Force – 11
DLA – CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA – 7FXE
Preparing Activity
DLA – CC
Project 5998–0185

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 www.dodssp.daps.mil.

A-A-55563/21 Project 5998-0185

CERTIFICATE of COMPLIANCE for CID

DSCC-VAC Point of Contact: **David Corbett**, Telephone: **(614) 692-0526**, FAX: **(614) 693-1642**
E-mail: **5998_Documents@dsc.dla.mil**

Manufacturer's Name and Location: _____

CAGE Code: _____

I (We) have reviewed the enclosed document and hereby certify that our product, currently designed as shown below and assembled at our plant location in:

(write "same" if applicable)

meets or exceeds the requirements of this document.

I (We) have reviewed the enclosed document and hereby certify that our product, currently designed as shown below and assembled at our plant location in:

(write "same" if applicable)

will meet this document, provided that the attached comments are incorporated into the document.

CID Part Identification Number (PIN) Designator
to Manufacturer (MFGR) Part Number Cross Reference Table

(See table titled "Commercial part number supersession data").

Please submit a complete list of all parts that correspond to the CID PINs to be listed.

I (We) understand that this certificate is not to be used nor construed as a guarantee of continued or indefinite availability for the described document. However, under present circumstances, we would expect to supply a separate certificate of compliance in company format pertaining to lot date code shipped on the order. On the basis of the statement checked above, please list us as a "known source of supply" on your document.

No interest in this document.

Authorized Signature(s)	Name and Title (typed/printed)	Date
Telephone	FAX	E-mail