

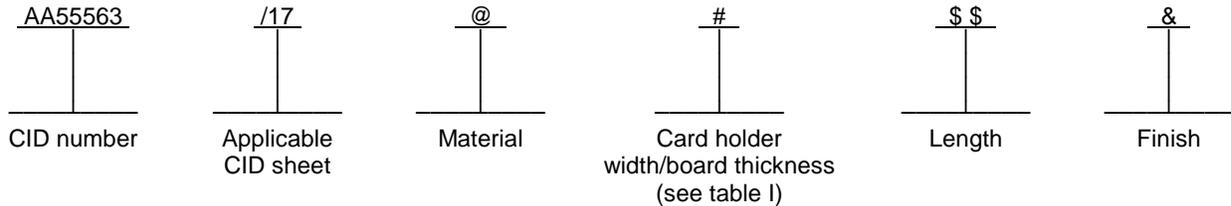
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, METAL CARD GUIDE, LOW PROFILE, OPEN ENDED,
WITHOUT FLARED ENTRY, WITH 2 MOUNTING HOLES

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).

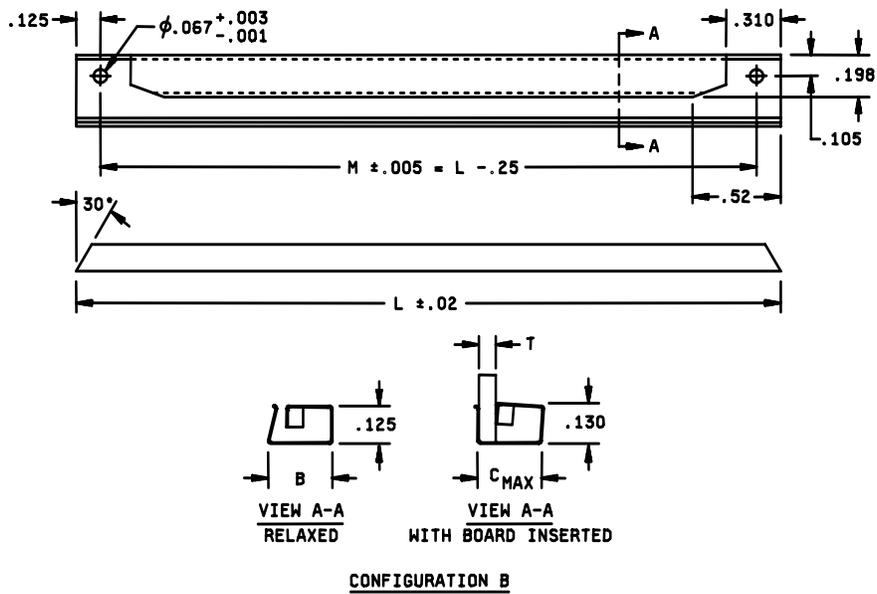
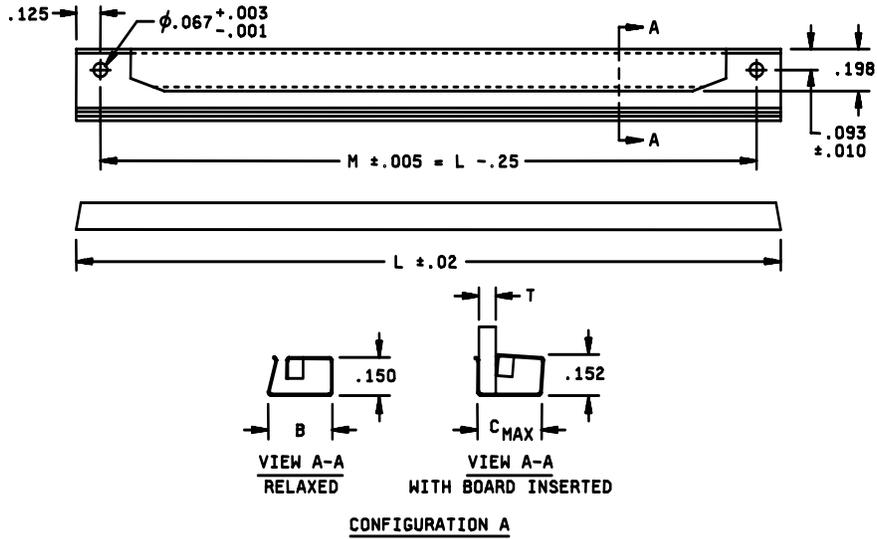
Material type. Materials types shall be defined in table I of A-A-55563. The applicable material type designators for
this CID specification sheet are "A" and "D" for configuration A and "A", "B" or "D" for configuration B.

Material thickness. The material thickness shall be .010 inch (0.25 mm) for configuration A and .008 inch (0.20 mm)
for configuration B.

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". The applicable card holder width/board thickness designators for
this CID specification sheet are "A", "B", "C", or "D" for configuration A and "E", "F", "G" or "H" for configuration B.

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.

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.



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.001	0.03	.02	0.5	.125	3.18	.198	5.03
.003	0.08	.067	1.70	.130	3.30	.25	6.4
.005	0.13	.093	2.36	.150	3.81	.310	7.87
.010	0.25	.105	2.67	.152	3.86	.52	13.2

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.

TABLE I. Card holder dimensions. 1/

PIN designator for card holder width/ board thickness	Dimension "T" (board thickness) 2/		Configuration	Dimension "B" 3/		Dimension "C _{MAX} " 3/	
	Inches	(mm)		Inches	(mm)	Inches	(mm)
A	.031	(0.79)	A	.30	(7.6)	.30	(7.6)
E			B	.298	(7.57)	.320	(8.13)
B	.063	(1.60)	A	.30	(7.6)	.30	(7.6)
F			B	.298	(7.57)	.320	(8.13)
C	.094	(2.39)	A	.30	(7.6)	.30	(7.6)
G			B	.298	(7.57)	.360	(9.15)
D	.125	(3.18)	A	.30	(7.6)	.30	(7.6)
H			B	.349	(8.87)	.370	(9.40)

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.

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.)

<u>Manufacturer CAGE</u>	<u>Manufacturer name and address</u>	<u>Manufacturer contact information</u>
99378	Atlee Corporation 10 Bayfield Drive North Andover, MA 01845-6096	Tel: (978) 681-1003 Fax: (978) 686-2934 E-mail: qc@atlee.com URL: www.atlee.com
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.electronicssolutions@apw.com URL: www.apw.com

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; AA55563/17@#\$\$& 1/				Manufacturers 2/	
Material type (see A-A-55563)	Card holder width/board thickness (see table I)	Overall length designator (see A-A-55563)	Finish (see A-A-55563)	CAGE 99378 3/	CAGE 18915 4/
		Inches (mm)		<u>Configuration A</u>	<u>Configuration B</u>
@	#	20 = 2.0 (51)	&	11909-M00-01-T-P	35-2M-T-4-P
@	#	25 = 2.5 (64)	&	11909-M00-02-T-P	35-2M-T-5-P
@	#	30 = 3.0 (76)	&	11909-M00-03-T-P	35-2M-T-6-P
@	#	35 = 3.5 (89)	&	11909-M00-04-T-P	35-2M-T-7-P
@	#	40 = 4.0 (102)	&	11909-M00-05-T-P	35-2M-T-8-P
@	#	45 = 4.5 (114)	&	11909-M00-06-T-P	35-2M-T-9-P
@	#	50 = 5.0 (127)	&	11909-M00-07-T-P	35-2M-T-10-P
@	#	55 = 5.5 (140)	&	11909-M00-08-T-P	35-2M-T-11-P
@	#	60 = 6.0 (152)	&	11909-M00-09-T-P	35-2M-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: AA55563/17AC45H = Holder, electrical card, metal card guide, low profile, open ended, without flared entry, with 2 offset (side) mounting holes; configuration A; base material is beryllium copper 1/4 hard; card holder width/board thickness, dimension "C_{MAX}", is .30 inch (7.62 mm), dimension "T" is .094 inch (2.39 mm), commonly known as having a board thickness of "3/32"; the overall length is 4.5 inches (114 mm), dimension "L"; and the finish is silver.

- 2/ The manufacturer's P/N 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 99378 supplies configuration A and uses card holder thickness designators "A", "B", "C" and "D". The manufacturer's superseded part number is constructed as follows: The series type is "11909-M00", the letter "M" denotes material type, the number "0" is the material thickness of .010 inches (0.25 mm), the number "0" denotes the height group (.150 inch, 3.81 mm), after the dash, the numbers "01" through "09" denotes card holder lengths, the letter "T" denotes card holder width/board thickness (designator A or B of table I only), and the letter "P" denotes finish material.
- 4/ Manufacturer CAGE 18915 supplies configuration B and uses card holder thickness designators "E", "F", "G" and "H": The manufacturer's superseded part number is constructed as follows: The series type is "35-2", 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 5998–0127