

[INCH-POUND]
A-A-59832/7B
17 July 2024
SUPERSEDING
A-A-59832/7A
27 November 2019

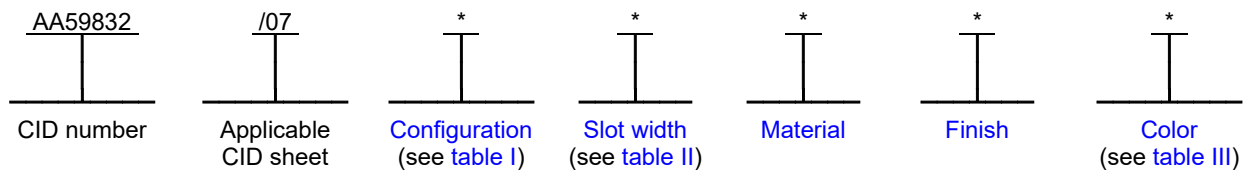
COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

EXTRACTOR, ELECTRICAL CARD, METAL, NON-LOCKING, SINGLE-SIDED ACTUATION,
NARROW PROFILE, ANGLED ACTUATING HANDLE, WITH RELEASE TAB,
FOR .032, .063, .094, .125, AND .156 INCH THICK CIRCUIT CARD ASSEMBLIES

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

The complete requirements for procuring extractors described herein shall consist of this document and the latest
issue in effect of [A-A-59832](#).

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](#) herein).



Example: AA59832/07K42LC is the PIN for a left handed, angle handle with release tab, aluminum (alloy 5052,
temper H32) extractor designed for mounting on a circuit card assembly with a printed board thickness of .125 inch
(3.20 mm) in width. The corrosion protection finish applied to the extractor is clear chemical film.

SALIENT CHARACTERISTICS.

Performance. Extractors shall be capable of initiating the removal of a circuit card assembly from its installed
position. The mechanical advantage of all extractor configurations on this CID specification sheet is approximately
4.2:1.

Interface and physical dimensions. The extractors supplied to this CID specification sheet shall be as specified
herein and meet the general requirements specified in CID [A-A-59832](#).

Configuration. The configuration of an extractor shall be as specified in [table I](#) and on figures [1](#) through [6](#).

TABLE I. Configurations.

Configuration	Applicable figures	Extractor description
K	1 and 2	Left hand with SED symbol on the angled handle
L	1	Left hand with angled handle
M	3	Left hand with bent leg and angled handle
N	3 and 4	Left hand with bent leg and SED symbol on the angled handle
P	4 and 5	Right hand with bent leg and SED symbol on the angled handle
Q	5	Right hand with bent leg and angled handle
R	6	Right hand with angled handle
S	6 and 2	Right hand with SED symbol on the angled handle



Slot width. The available slot widths needed to accommodate various printed board thicknesses for the extractors covered by this CID specification sheet are specified in table II. The slot width designator shall be included in the PIN.

TABLE II. Slot width configurations and dimensions. ^{1/}

Slot width designator	Slot width dimension "A" ^{2/} Inch (mm)	Accommodates printed board thickness Inch (mm)	Roll pin width Inch (mm)	Handle width dimension "B" ^{2/} Inch (mm)
1	.040 (1.02)	.032 (0.8)	.187 (4.75)	.25 (6.4)
2	.075 (2.03)	.063 (1.6)	.187 (4.75)	
3	.105 (2.79)	.094 (2.4)	.250 (6.35)	
4	.142 (3.56)	.125 (3.2)	.250 (6.35)	.29 (7.4)
5	.165 (4.19)	.156 (4.0)	.312 (7.94)	

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

^{2/} Tolerance shall be as specified on the applicable figure (see figures 1, 3, 5, and 6).

Material. The material used in the extractor body shall be as specified in A-A-59832. The applicable material type designators for this CID specification sheet are "1" (aluminum alloy 6061, temper T6), "2" (aluminum alloy 5052, temper H32), or "7" (Stainless steel, type 301, 302 or 304). The material designator shall be included in the PIN.

Material thickness. The aluminum thickness shall be .063 ±.003 inch (1.60 ±0.076 mm). The stainless steel thickness shall be .060 ±.002 inch (1.58 ±0.05 mm).

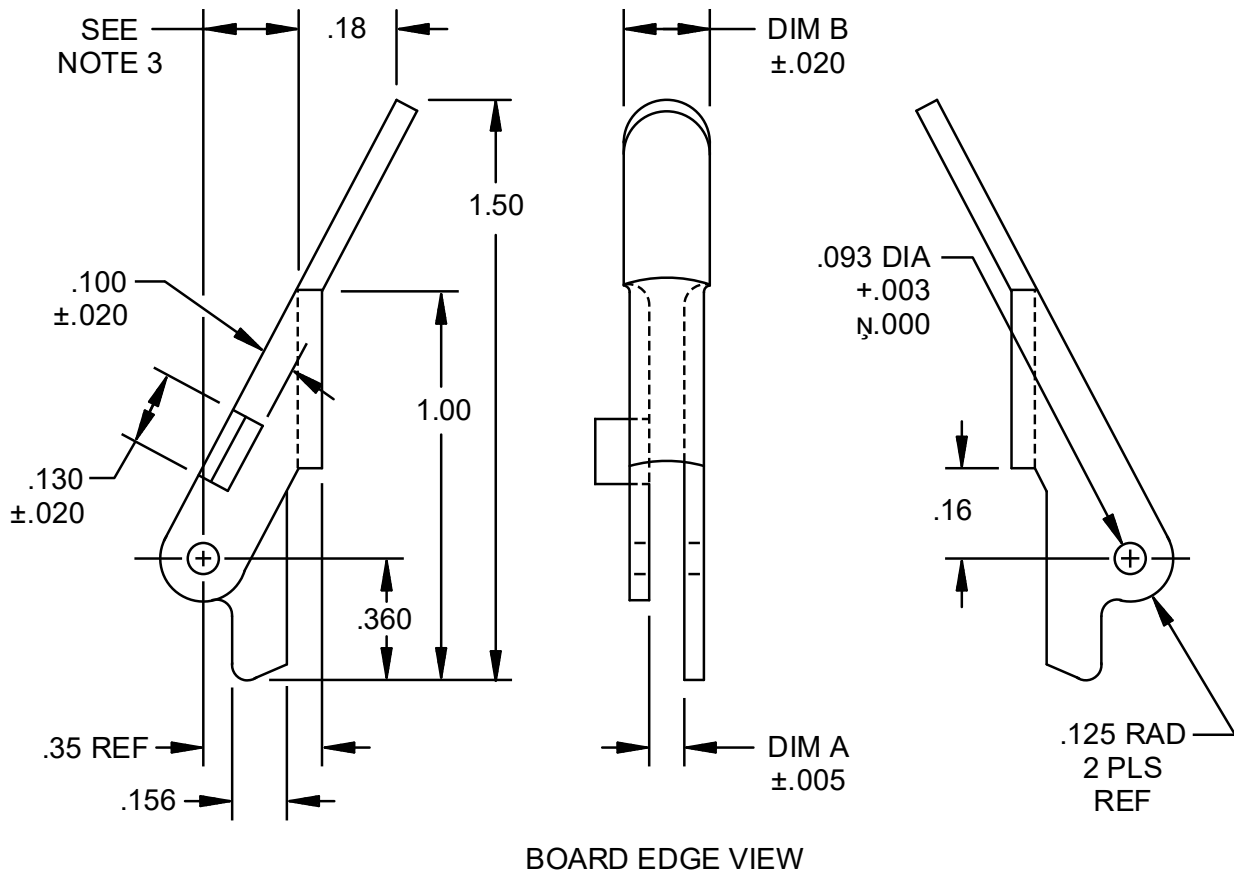
Roll pin. A stainless steel roll pin is furnished with each extractor. The roll pin is .09375 inch (2.38 mm) diameter by the lengths specified in table II.

Finish. The finish designator shall be as specified in A-A-59832. The finishes available for this CID specification sheet are as follows: "A" (anodize), "L" or "M" (thinner chemical film for improved electrical conductivity with corrosion protection, hereafter referred to as "low resistance chemical film") and "D" (thick chemical film for maximum corrosion protection) for extractors fabricated of aluminum alloys and "P" (passivation treatment) extractors fabricated of stainless steel.

Color. The color designator shall be as specified in A-A-59832. The colors available for this CID specification sheet shall be "C" (clear) or "G" (gold) for chemical film and "C" (clear) for passivation treatment. The color of anodized extractors shall be specified in table III. The color designator shall be included in the PIN.

TABLE III. Colors of anodized extractors.

Designator	Color	Designator	Color
B	Black	R	Red
C	Clear	U	Blue
D	Green	V	Violet (purple)
E	Gray	W	Brown
F	Orange	Y	Yellow

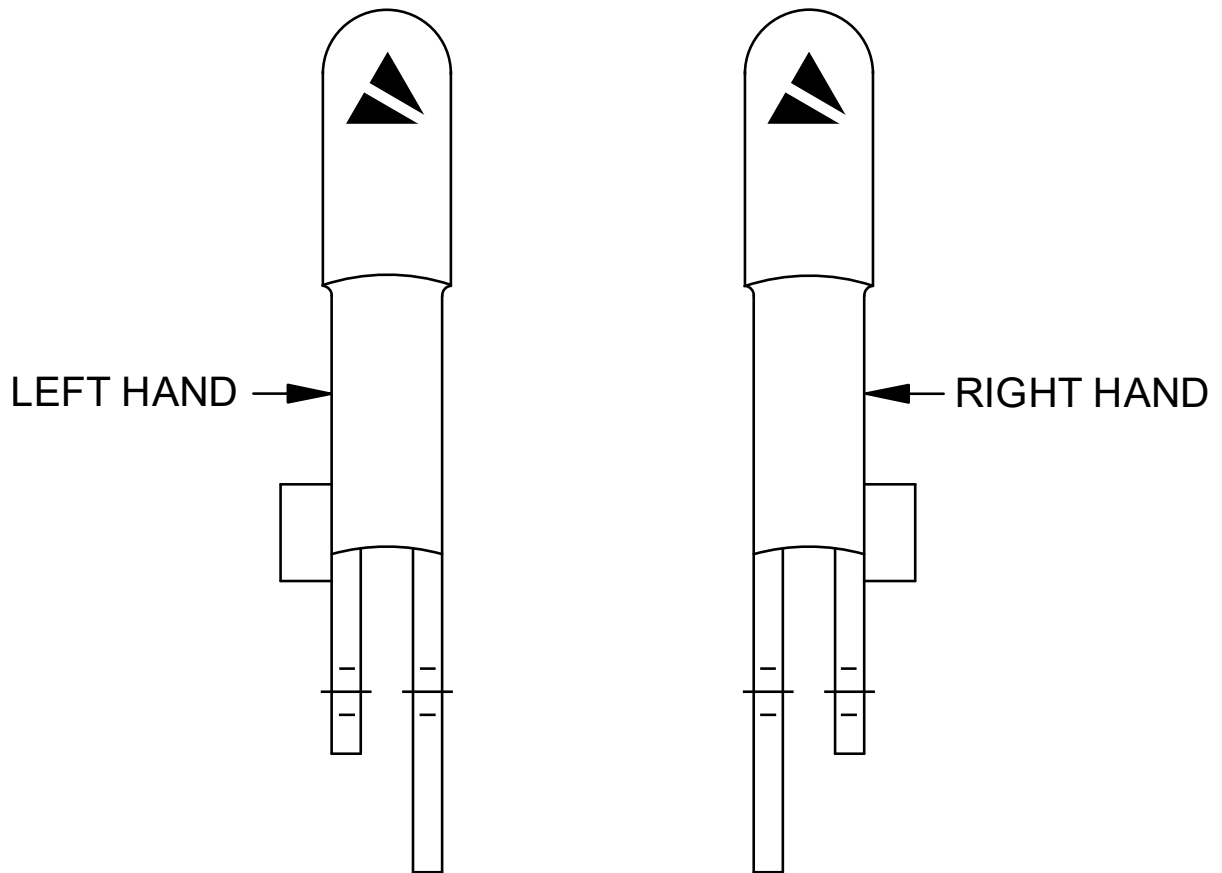


Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.020	0.51	.125	3.18	.16	4.06	.360	9.14
.005	0.13	.093	2.36	.156	3.96	.18	4.57	1.00	25.4
						.35	8.89	1.50	38.1

NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. Unless otherwise specified, tolerances are $\pm .02$ inch (0.51 mm) for two place decimals and $\pm .010$ inch (0.25 mm) for three place decimals.
3. Depth dimension is .29 inch (7.4 mm) for extractors from CAGE 61081 and CAGE 5GB68.

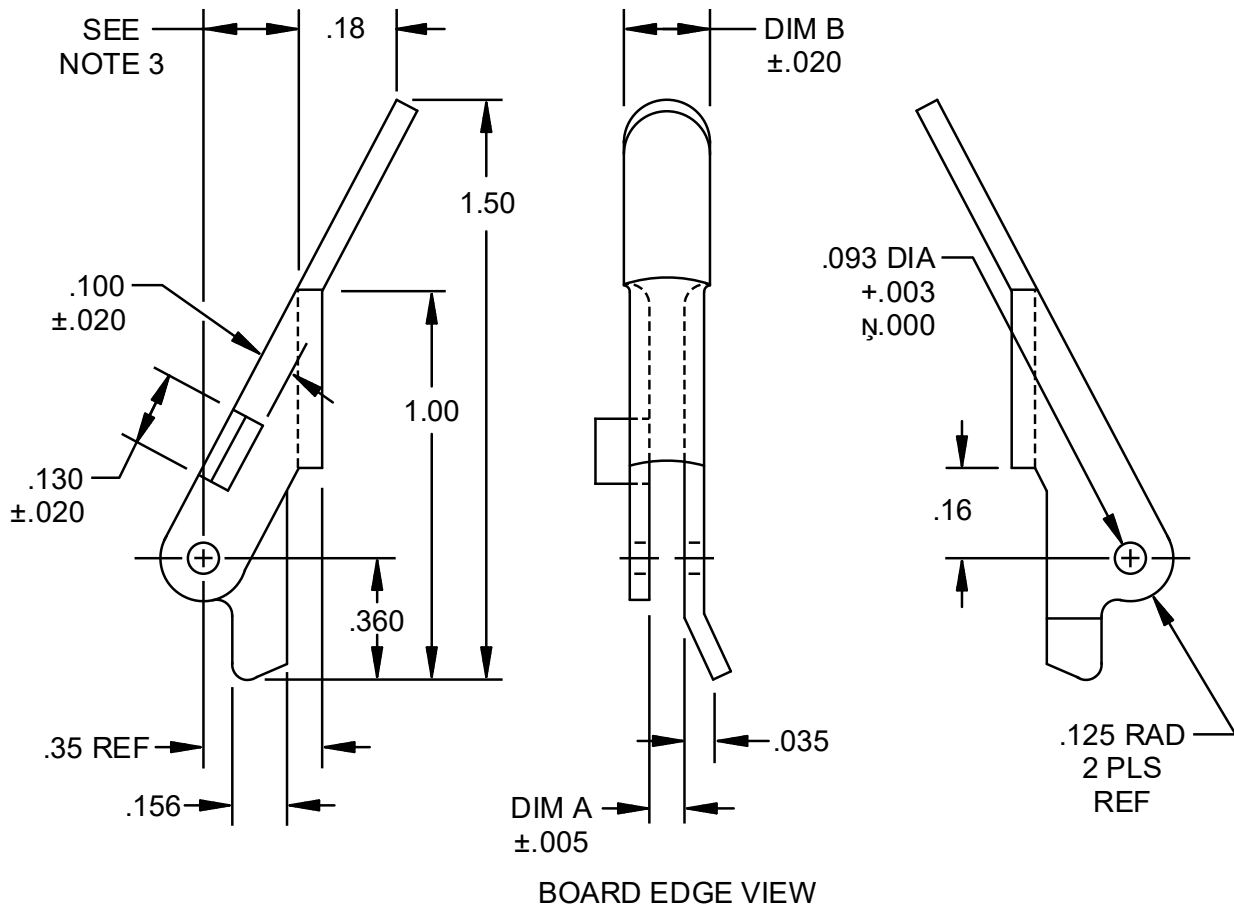
FIGURE 1. Configuration L dimensions (left hand).



NOTES:

1. The SED symbol displayed on the extractor handles shall be in accordance with [A-A-59832](#).
2. Unless otherwise specified, a monochromatic reproduction of the symbol displayed in [A-A-59832](#) using any color that contrasts with the color of the extractor handle may be used.

FIGURE 2. Configurations K and S with SED symbol on extractor handle (board edge view).

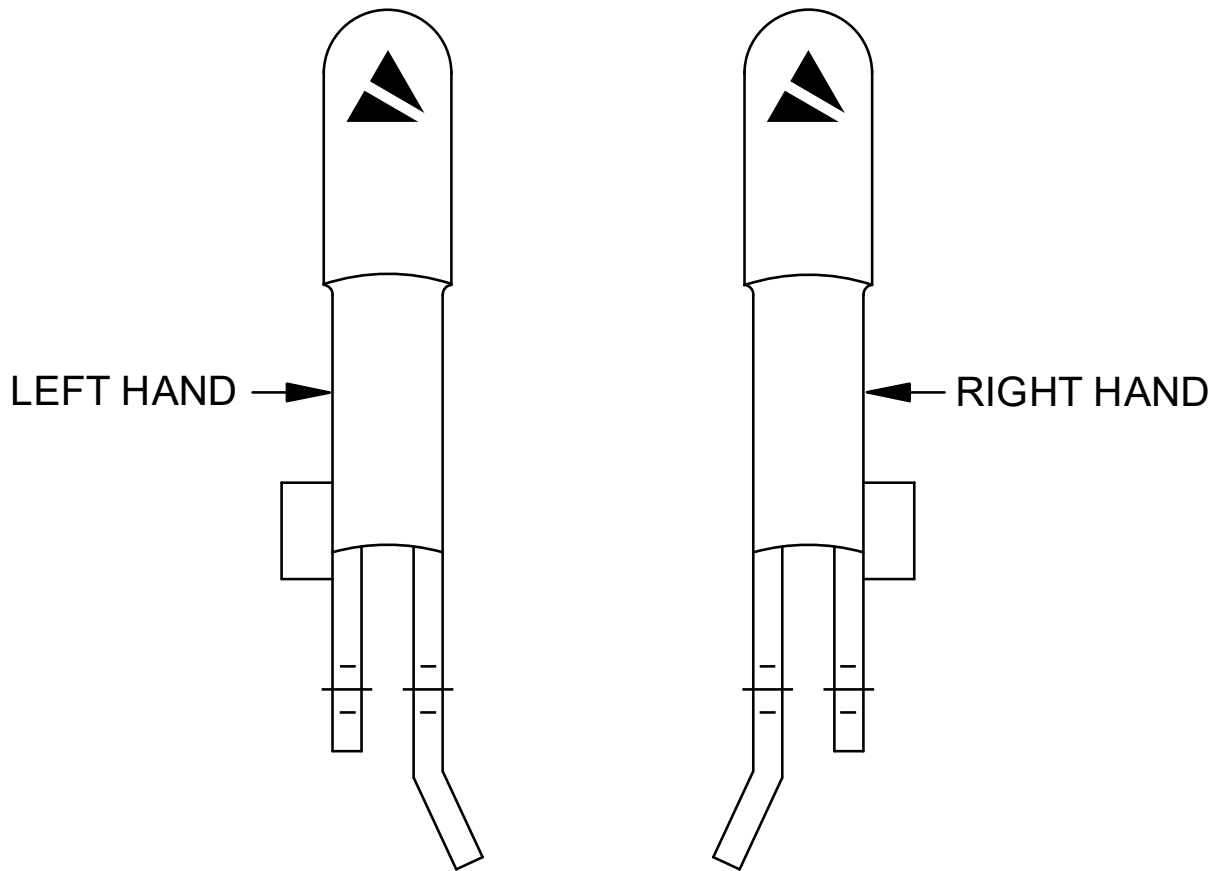


Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.020	0.51	.093	2.36	.16	4.06	.360	9.14
.005	0.13	.035	0.89	.125	3.18	.18	4.57	1.00	25.4
				.156	3.96	.35	8.89	1.50	38.1

NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. Unless otherwise specified, tolerances are $\pm .02$ inch (0.51 mm) for two place decimals and $\pm .010$ inch (0.25 mm) for three place decimals.
3. Depth dimension is .29 inch (7.4 mm) for extractors from CAGE 61081 and CAGE 5GB68.

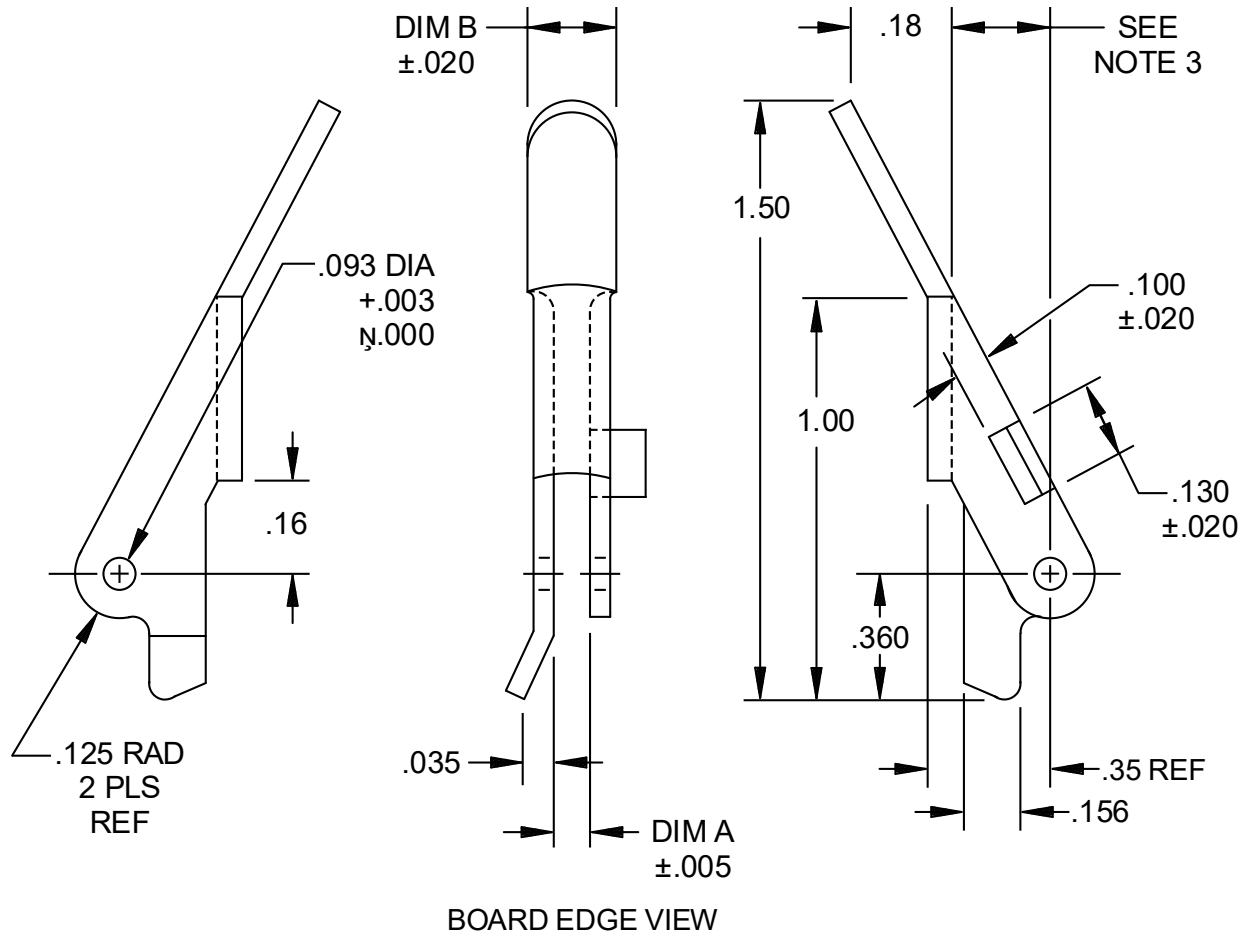
FIGURE 3. Configuration M dimensions (left hand with bent leg).



NOTES:

1. The SED symbol displayed on the extractor handles shall be in accordance with [A-A-59832](#).
2. Unless otherwise specified, a monochromatic reproduction of the symbol displayed in [A-A-59832](#) using any color that contrasts with the color of the extractor handle may be used.

FIGURE 4. Configurations N and P with bent leg and SED symbol on extractor handle (board edge view).

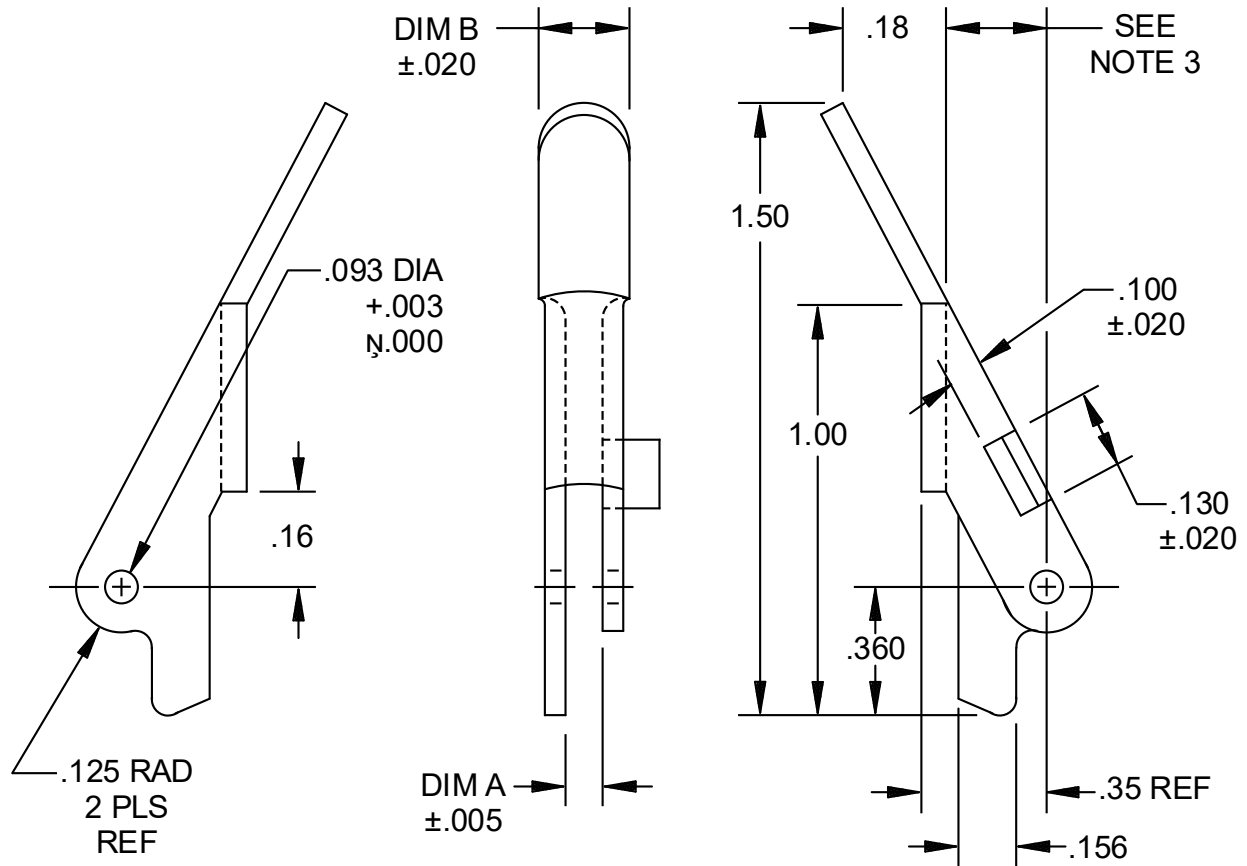


Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.020	0.51	.093	2.36	.16	4.06	.360	9.14
.005	0.13	.035	0.89	.125	3.18	.18	4.57	1.00	25.4
				.156	3.96	.35	8.89	1.50	38.1

NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. Unless otherwise specified, tolerances are $\pm.02$ inch (0.51 mm) for two place decimals and $\pm.010$ inch (0.25 mm) for three place decimals.
3. Depth dimension is .29 inch (7.4 mm) for extractors from CAGE 61081 and CAGE 5GB68.

FIGURE 5. Configuration Q dimensions (right hand with bent leg).



BOARD EDGE VIEW

Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.003	0.08	.020	0.51	.093	2.36	.16	4.06	.360	9.14
.005	0.13	.090	2.29	.125	3.18	.18	4.57	1.00	25.4
				.156	3.96	.35	8.89	1.50	38.1

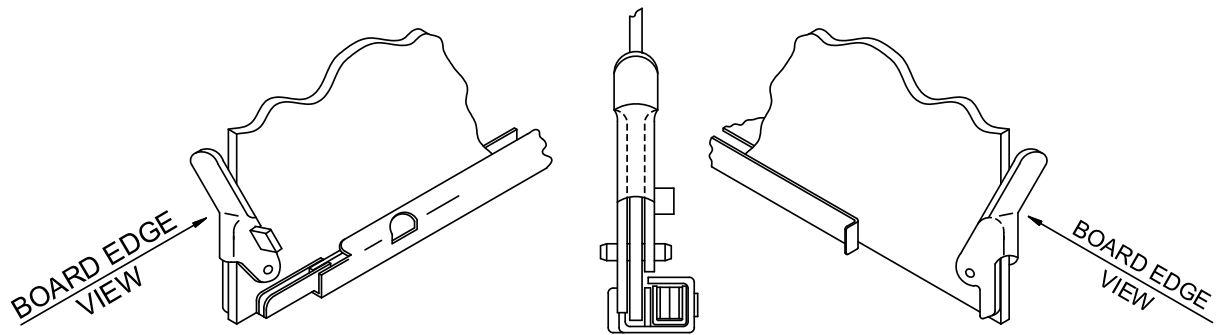
NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. Unless otherwise specified, tolerances are $\pm.02$ inch (0.51 mm) for two place decimals and $\pm.010$ inch (0.25 mm) for three place decimals.
3. Depth dimension is .29 inch (7.4 mm) for extractors from CAGE 61081 and CAGE 5GB68.

FIGURE 6. Configuration R dimensions (right hand).

APPLICATION DATA.

Extractor orientation with circuit card assembly printed board. Figures 7 and 8 show the extractor mounted to a circuit card assembly and installed into a lever actuated card guide from different views. Figure 7 depicts one straight on and two angled views of a right hand extractor fastened to the printed board of a circuit card assembly. Figure 8 depicts a right side view of a circuit card assembly with a right hand extractor fastened to the printed board.



VIEW OF RIGHT HAND EXTRACTOR WITH TAB FROM BOTH SIDES OF CCA PRINTED BOARD

FIGURE 7. Extractor fastened to circuit card assembly (right hand extractor shown).

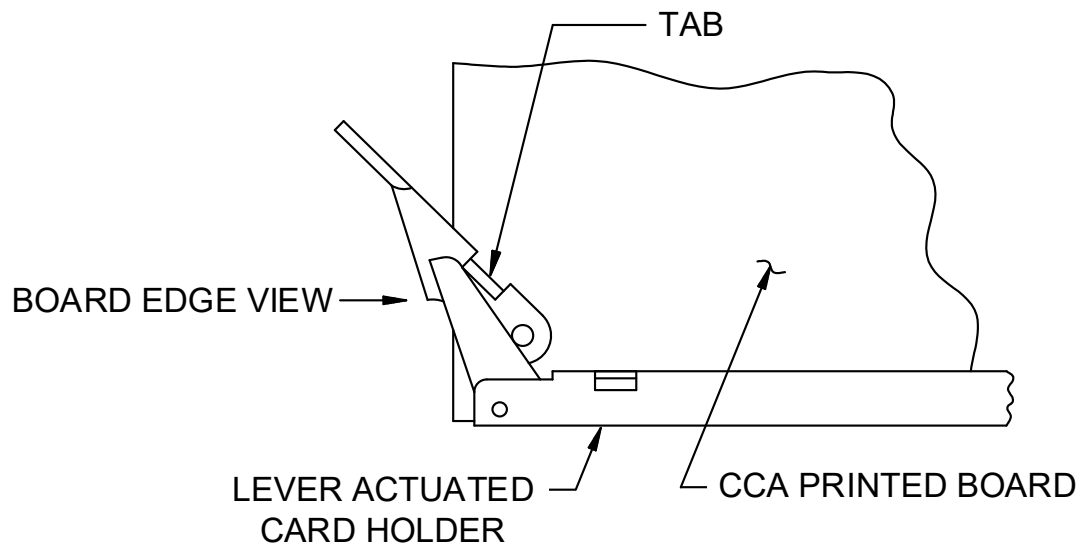
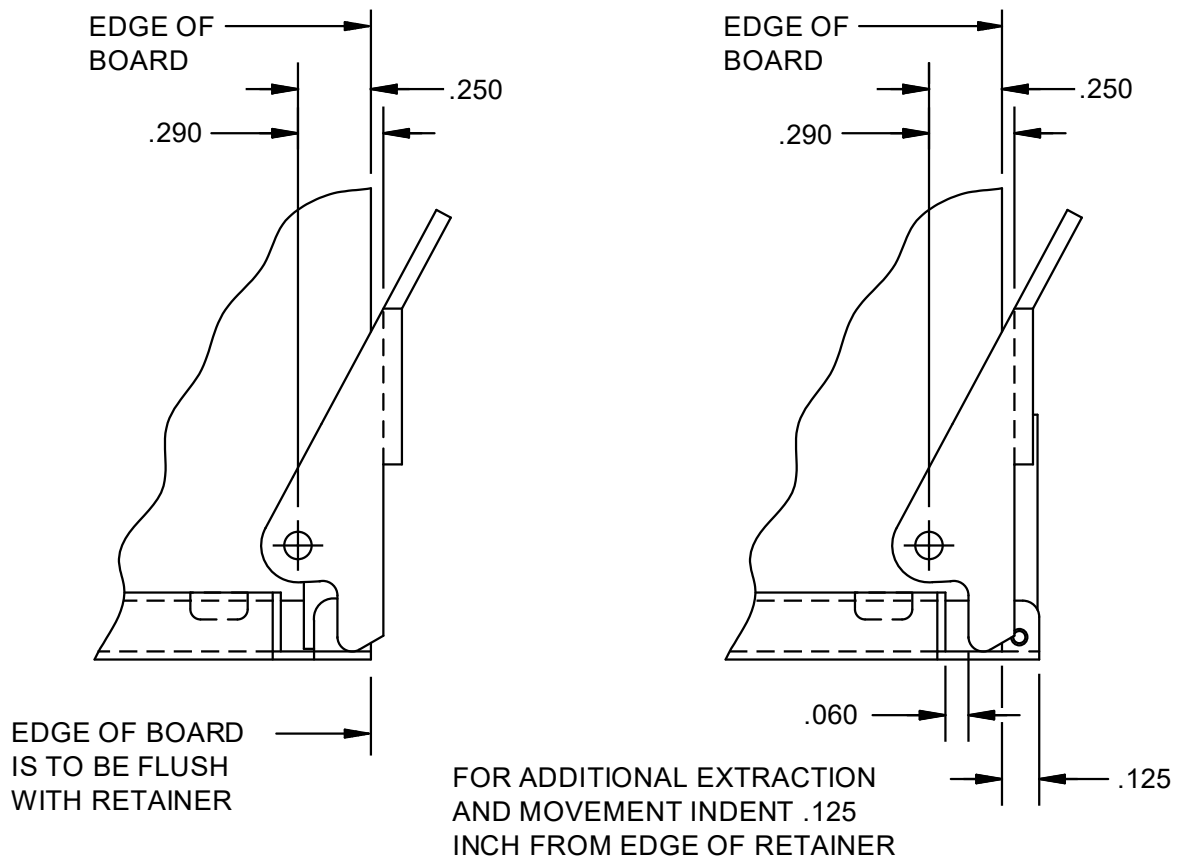


FIGURE 8. Circuit card assembly to card guide view (right hand extractor shown).

Circuit card positioning in relation to actuating surface. Two positions of a circuit card assembly edge to a locking card guide when seated in the connector are shown on figure 9. The circuit card assembly is ejected from its installed position by lever action of the extractor against the tab on a locking card guide (shown) or actuating surface of a card cage. The extractor will allow .030 inch (0.8 mm) over travel for tolerance take-up. Two extractors mounted on each circuit card assembly is recommended.



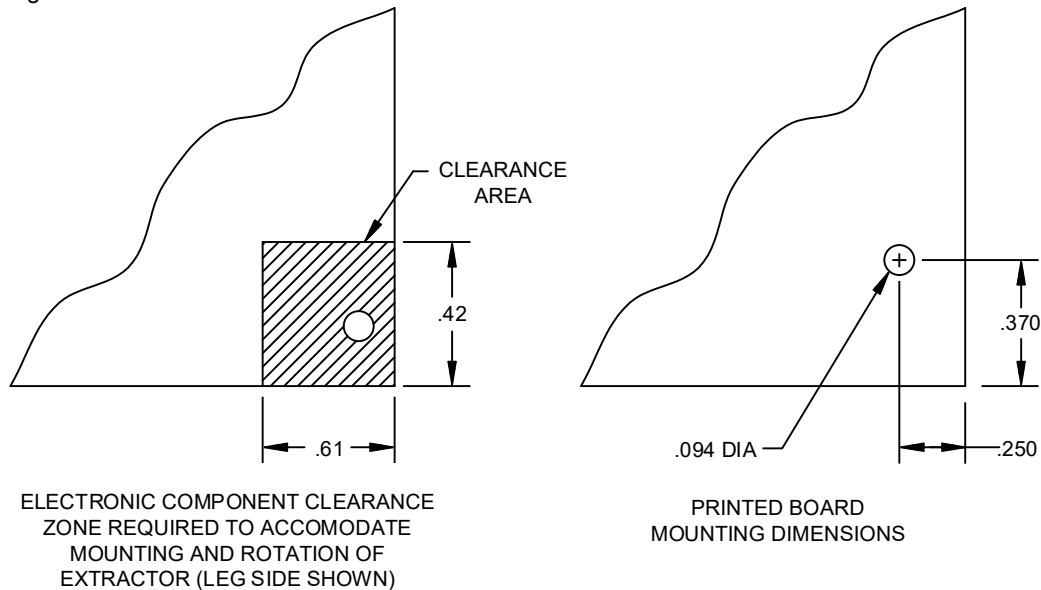
Inches	mm	Inches	mm	Inches	mm	Inches	mm
.060	1.52	.125	3.18	.250	6.35	.290	7.37

NOTES:

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

FIGURE 9. Circuit card assembly to locking card guide dimensions (right hand extractor shown).

Circuit card assembly printed board. The circuit card assembly should be designed so that electronic components on the printed board in the area around the extractor mounting hole have sufficient clearance for extractor rotation as shown on figure 10.



Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.094	2.39	.250	6.35	.370	9.40	.42	10.67	.61	15.49

NOTES:

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

FIGURE 10. Printed board clearance zone and mounting hole dimensions.

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-59832](#) - Extractor, Electrical Card, Metal, General Requirements For.

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

Ordering data. Ordering data is as specified in [A-A-59832](#).

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
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5BG68	American Circuit Card Retainers, Inc. 2310 E. Orangethorpe Avenue Anaheim, CA 92806-1231	Telephone: (714) 738-6194 Facsimile: (714) 446-0119 E-mail: sales@accrmfg.com URL: www.accrmfg.com
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61081	Schroff, Inc. 7328 Trade Street San Diego, CA 92121-3410	Telephone: (800) 854-7086 Facsimile: (858) 740-2430 E-mail: schroff.us@pentair.com URL: www.nvent.com
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Part number (P/N) supersession data. This CID specification sheet PINs supersedes the following manufacturer's P/Ns as shown in tables IV, V, and VI. This CID specification sheet PINs also supersedes those DESC Drawing 84191 PINs as shown in [table VII](#). This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE IV. Commercial part number supersession data for aluminum alloy 6061 extractors.

PIN designator AA59832/07	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
K11AR 3/	1119A-1LRATE	71T6-1-L-A-1-E	
K21AR 3/	1119A-2LRATE	71T6-2-L-A-1-E	
K31AR 3/	1119A-3LRATE	71T6-3-L-A-1-E	
K41AR 3/	1119A-4LRATE	71T6-4-L-A-1-E	
K51AR 3/	1119A-5LRATE	71T6-5-L-A-1-E	
K11DG 4/	1119A-1LCGTE	71T6-1-L-A-E	
K21DG 4/	1119A-2LCGTE	71T6-2-L-A-E	
K31DG 4/	1119A-3LCGTE	71T6-3-L-A-E	
K41DG 4/	1119A-4LCGTE	71T6-4-L-A-E	
K51DG 4/	1119A-5LCGTE	71T6-5-L-A-E	
L11AR 3/	1119A-1LRAT	71T6-1-L-A-1	
L21AR 3/	1119A-2LRAT	71T6-2-L-A-1	
L31AR 3/	1119A-3LRAT	71T6-3-L-A-1	
L41AR 3/	1119A-4LRAT	71T6-4-L-A-1	
L51AR 3/	1119A-5LRAT	71T6-5-L-A-1	
L11DG 4/	1119A-1LCGT	71T6-1-L-A	
L21DG 4/	1119A-2LCGT	71T6-2-L-A	
L31DG 4/	1119A-3LCGT	71T6-3-L-A	
L41DG 4/	1119A-4LCGT	71T6-4-L-A	
L51DG 4/	1119A-5LCGT	71T6-5-L-A	

See footnotes at end of table.

TABLE IV. Commercial part number supersession data for aluminum alloy 6061 extractors – Continued.

PIN designator AA59832/07	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
M11AR 3/	1119A-1LRATD	71T6-1-L-A-1-BL	
M21AR 3/	1119A-2LRATD	71T6-2-L-A-1-BL	
M31AR 3/	1119A-3LRATD	71T6-3-L-A-1-BL	
M41AR 3/	1119A-4LRATD	71T6-4-L-A-1-BL	
M51AR 3/	1119A-5LRATD	71T6-5-L-A-1-BL	
M11DG 4/	1119A-1LCGTD	71T6-1-L-A-BL	
M21DG 4/	1119A-2LCGTD	71T6-2-L-A-BL	
M31DG 4/	1119A-3LCGTD	71T6-3-L-A-BL	
M41DG 4/	1119A-4LCGTD	71T6-4-L-A-BL	
M51DG 4/	1119A-5LCGTD	71T6-5-L-A-BL	
N11AR 3/	1119A-1LRATDE	71T6-1-L-A-1-BL-E	
N21AR 3/	1119A-2LRATDE	71T6-2-L-A-1-BL-E	
N31AR 3/	1119A-3LRATDE	71T6-3-L-A-1-BL-E	
N41AR 3/	1119A-4LRATDE	71T6-4-L-A-1-BL-E	
N51AR 3/	1119A-5LRATDE	71T6-5-L-A-1-BL-E	
N11DG 4/	1119A-1LCGTDE	71T6-1-L-A-BL-E	
N21DG 4/	1119A-2LCGTDE	71T6-2-L-A-BL-E	
N31DG 4/	1119A-3LCGTDE	71T6-3-L-A-BL-E	
N41DG 4/	1119A-4LCGTDE	71T6-4-L-A-BL-E	
N51DG 4/	1119A-5LCGTDE	71T6-5-L-A-BL-E	
P11AR 3/	1119A-1RRATDE	71T6-1-R-A-1-BL-E	
P21AR 3/	1119A-2RRATDE	71T6-2-R-A-1-BL-E	
P31AR 3/	1119A-3RRATDE	71T6-3-R-A-1-BL-E	
P41AR 3/	1119A-4RRATDE	71T6-4-R-A-1-BL-E	
P51AR 3/	1119A-5RRATDE	71T6-5-R-A-1-BL-E	
P11DG 4/	1119A-1RCGTDE	71T6-1-R-A-BL-E	
P21DG 4/	1119A-2RCGTDE	71T6-2-R-A-BL-E	
P31DG 4/	1119A-3RCGTDE	71T6-3-R-A-BL-E	
P41DG 4/	1119A-4RCGTDE	71T6-4-R-A-BL-E	
P51DG 4/	1119A-5RCGTDE	71T6-5-R-A-BL-E	
Q11AR 3/	1119A-1RRATD	71T6-1-R-A-1-BL	
Q21AR 3/	1119A-2RRATD	71T6-2-R-A-1-BL	
Q31AR 3/	1119A-3RRATD	71T6-3-R-A-1-BL	
Q41AR 3/	1119A-4RRATD	71T6-4-R-A-1-BL	
Q51AR 3/	1119A-5RRATD	71T6-5-R-A-1-BL	

See footnotes at end of table.

TABLE IV. Commercial part number supersession data for aluminum alloy 6061 extractors – Continued.

PIN designator AA59832/07	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
Q11DG <u>4/</u>	1119A-1RCGTD	71T6-1-R-A-BL	
Q21DG <u>4/</u>	1119A-2RCGTD	71T6-2-R-A-BL	
Q31DG <u>4/</u>	1119A-3RCGTD	71T6-3-R-A-BL	
Q41DG <u>4/</u>	1119A-4RCGTD	71T6-4-R-A-BL	
Q51DG <u>4/</u>	1119A-5RCGTD	71T6-5-R-A-BL	
R11AR <u>3/</u>	1119A-1RRAT	71T6-1-R-A-1	
R21AR <u>3/</u>	1119A-2RRAT	71T6-2-R-A-1	
R31AR <u>3/</u>	1119A-3RRAT	71T6-3-R-A-1	
R41AR <u>3/</u>	1119A-4RRAT	71T6-4-R-A-1	
R51AR <u>3/</u>	1119A-5RRAT	71T6-5-R-A-1	
R11DG <u>4/</u>	1119A-1RCGT	71T6-1-R-A	
R21DG <u>4/</u>	1119A-2RCGT	71T6-2-R-A	
R31DG <u>4/</u>	1119A-3RCGT	71T6-3-R-A	
R41DG <u>4/</u>	1119A-4RCGT	71T6-4-R-A	
R51DG <u>4/</u>	1119A-5RCGT	71T6-5-R-A	
S11AR <u>3/</u>	1119A-1RRATE	71T6-1-R-A-1-E	
S21AR <u>3/</u>	1119A-2RRATE	71T6-2-R-A-1-E	
S31AR <u>3/</u>	1119A-3RRATE	71T6-3-R-A-1-E	
S41AR <u>3/</u>	1119A-4RRATE	71T6-4-R-A-1-E	
S51AR <u>3/</u>	1119A-5RRATE	71T6-5-R-A-1-E	
S11DG <u>4/</u>	1119A-1RCGTE	71T6-1-R-A-E	
S21DG <u>4/</u>	1119A-2RCGTE	71T6-2-R-A-E	
S31DG <u>4/</u>	1119A-3RCGTE	71T6-3-R-A-E	
S41DG <u>4/</u>	1119A-4RCGTE	71T6-4-R-A-E	
S51DG <u>4/</u>	1119A-5RCGTE	71T6-5-R-A-E	

- 1/ 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 specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements, see the marking paragraph in [A-A-59832](#).
- 2/ The finish and color designators for the PINs listed are either for red anodize (CID finish and color codes AR) or gold thick chemical film (CID finish and color codes DG).
- 3/ See [table III](#) for the finish color designators for the other 9 anodize colors available.
- 4/ Low resistance chemical film finishes are also available in clear (CID finish and color codes LC) and gold (CID finish and color codes MG).

TABLE V. Commercial part number supersession data for aluminum alloy 5032 extractors.

PIN designator AA59832/07	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
K12AB 3/	1109A-1LBATE	71-1-L-A-5-E	
K22AB 3/	1109A-2LBATE	71-2-L-A-5-E	
K32AB 3/	1109A-3LBATE	71-3-L-A-5-E	
K42AB 3/	1109A-4LBATE	71-4-L-A-5-E	
K52AB 3/	1109A-5LBATE	71-5-L-A-5-E	
K12LC 4/	1109A-1LCCTE	71-1-L-A-CC3-E	
K22LC 4/	1109A-2LCCTE	71-2-L-A-CC3-E	
K32LC 4/	1109A-3LCCTE	71-3-L-A-CC3-E	
K42LC 4/	1109A-4LCCTE	71-4-L-A-CC3-E	
K52LC 4/	1109A-5LCCTE	71-5-L-A-CC3-E	
L12AB 3/	1109A-1LBAT	71-1-L-A-5	
L22AB 3/	1109A-2LBAT	71-2-L-A-5	
L32AB 3/	1109A-3LBAT	71-3-L-A-5	
L42AB 3/	1109A-4LBAT	71-4-L-A-5	
L52AB 3/	1109A-5LBAT	71-5-L-A-5	
L12LC 4/	1109A-1LCCT	71-1-L-A-CC3	
L22LC 4/	1109A-2LCCT	71-2-L-A-CC3	
L32LC 4/	1109A-3LCCT	71-3-L-A-CC3	
L42LC 4/	1109A-4LCCT	71-4-L-A-CC3	
L52LC 4/	1109A-5LCCT	71-5-L-A-CC3	
M12AB 3/	1109A-1LBATD	71-1-L-A-5-BL	
M22AB 3/	1109A-2LBATD	71-2-L-A-5-BL	
M32AB 3/	1109A-3LBATD	71-3-L-A-5-BL	
M42AB 3/	1109A-4LBATD	71-4-L-A-5-BL	
M52AB 3/	1109A-5LBATD	71-5-L-A-5-BL	
M12LC 4/	1109A-1LCCTD	71-1-L-A-CC3-BL	
M22LC 4/	1109A-2LCCTD	71-2-L-A-CC3-BL	
M32LC 4/	1109A-3LCCTD	71-3-L-A-CC3-BL	
M42LC 4/	1109A-4LCCTD	71-4-L-A-CC3-BL	
M52LC 4/	1109A-5LCCTD	71-5-L-A-CC3-BL	
N12AB 3/	1109A-1LBATDE	71-1-L-A-5-BL-E	
N22AB 3/	1109A-2LBATDE	71-2-L-A-5-BL-E	
N32AB 3/	1109A-3LBATDE	71-3-L-A-5-BL-E	
N42AB 3/	1109A-4LBATDE	71-4-L-A-5-BL-E	
N52AB 3/	1109A-5LBATDE	71-5-L-A-5-BL-E	

See footnotes at end of table.

TABLE V. Commercial part number supersession data for aluminum alloy 5032 extractors - Continued.

PIN designator AA59832/07	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
N12LC 4/	1109A-1LCCTDE	71-1-L-A-CC3-BL-E	
N22LC 4/	1109A-2LCCTDE	71-2-L-A-CC3-BL-E	
N32LC 4/	1109A-3LCCTDE	71-3-L-A-CC3-BL-E	
N42LC 4/	1109A-4LCCTDE	71-4-L-A-CC3-BL-E	
N52LC 4/	1109A-5LCCTDE	71-5-L-A-CC3-BL-E	
P12AB 3/	1109A-1RBATDE	71-1-R-A-5-BL-E	
P22AB 3/	1109A-2RBATDE	71-2-R-A-5-BL-E	
P32AB 3/	1109A-3RBATDE	71-3-R-A-5-BL-E	
P42AB 3/	1109A-4RBATDE	71-4-R-A-5-BL-E	
P52AB 3/	1109A-5RBATDE	71-5-R-A-5-BL-E	
P12LC 4/	1109A-1RCCTDE	71-1-R-A-CC3-BL-E	
P22LC 4/	1109A-2RCCTDE	71-2-R-A-CC3-BL-E	
P32LC 4/	1109A-3RCCTDE	71-3-R-A-CC3-BL-E	
P42LC 4/	1109A-4RCCTDE	71-4-R-A-CC3-BL-E	
P52LC 4/	1109A-5RCCTDE	71-5-R-A-CC3-BL-E	
Q12AB 3/	1109A-1RBATD	71-1-R-A-5-BL	
Q22AB 3/	1109A-2RBATD	71-2-R-A-5-BL	
Q32AB 3/	1109A-3RBATD	71-3-R-A-5-BL	
Q42AB 3/	1109A-4RBATD	71-4-R-A-5-BL	
Q52AB 3/	1109A-5RBATD	71-5-R-A-5-BL	
Q12LC 4/	1109A-1RCCTD	71-1-R-A-CC3-BL	
Q22LC 4/	1109A-2RCCTD	71-2-R-A-CC3-BL	
Q32LC 4/	1109A-3RCCTD	71-3-R-A-CC3-BL	
Q42LC 4/	1109A-4RCCTD	71-4-R-A-CC3-BL	
Q52LC 4/	1109A-5RCCTD	71-5-R-A-CC3-BL	
R12AB 3/	1109A-1RBAT	71-1-R-A-5	
R22AB 3/	1109A-2RBAT	71-2-R-A-5	
R32AB 3/	1109A-3RBAT	71-3-R-A-5	
R42AB 3/	1109A-4RBAT	71-4-R-A-5	
R52AB 3/	1109A-5RBAT	71-5-R-A-5	
R12LC 4/	1109A-1RCCT	71-1-R-A-CC3	
R22LC 4/	1109A-2RCCT	71-2-R-A-CC3	
R32LC 4/	1109A-3RCCT	71-3-R-A-CC3	
R42LC 4/	1109A-4RCCT	71-4-R-A-CC3	
R52LC 4/	1109A-5RCCT	71-5-R-A-CC3	

See footnotes at end of table.

TABLE V. Commercial part number supersession data for aluminum alloy 5032 extractors - Continued.

PIN designator AA59832/07	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
S12AB <u>3/</u>	1109A-1RBATE	71-1-R-A-5-E	
S22AB <u>3/</u>	1109A-2RBATE	71-2-R-A-5-E	
S32AB <u>3/</u>	1109A-3RBATE	71-3-R-A-5-E	
S42AB <u>3/</u>	1109A-4RBATE	71-4-R-A-5-E	
S52AB <u>3/</u>	1109A-5RBATE	71-5-R-A-5-E	
S12LC <u>4/</u>	1109A-1RCCTE	71-1-R-A-CC3-E	
S22LC <u>4/</u>	1109A-2RCCTE	71-2-R-A-CC3-E	
S32LC <u>4/</u>	1109A-3RCCTE	71-3-R-A-CC3-E	
S42LC <u>4/</u>	1109A-4RCCTE	71-4-R-A-CC3-E	
S52LC <u>4/</u>	1109A-5RCCTE	71-5-R-A-CC3-E	

- 1/ 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 specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements, see the marking paragraph in [A-A-59832](#).
- 2/ The finish and color designators for the PINs listed are for clear low resistance chemical film (CID finish and color codes LC) or black anodize (CID finish and color codes AB).
- 3/ See [table III](#) for the color designators for the other 9 anodize colors available.
- 4/ Chemical film finish for maximum corrosion protection is also available in gold (CID finish and color codes DG).

TABLE VI. Commercial part number supersession data for stainless steel extractors.

PIN designator AA59832/07	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68		
K17PC	1129A-1LTE		
K27PC	1129A-2LTE		
K37PC	1129A-3LTE		
K47PC	1129A-4LTE		
K57PC	1129A-5LTE		
L17PC	1129A-1LT		
L27PC	1129A-2LT		
L37PC	1129A-3LT		
L47PC	1129A-4LT		
L57PC	1129A-5LT		

See footnotes at end of table.

TABLE VI. Commercial part number supersession data for stainless steel extractors – Continued.

PIN designator AA59832/07	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68		
M17PC	1129A-1LTD		
M27PC	1129A-2LTD		
M37PC	1129A-3LTD		
M47PC	1129A-4LTD		
M57PC	1129A-5LTD		
N17PC	1129A-1LTDE		
N27PC	1129A-2LTDE		
N37PC	1129A-3LTDE		
N47PC	1129A-4LTDE		
N57PC	1129A-5LTDE		
P17PC	1129A-1RTDE		
P27PC	1129A-2RTDE		
P37PC	1129A-3RTDE		
P47PC	1129A-4RTDE		
P57PC	1129A-5RTDE		
Q17PC	1129A-1RTD		
Q27PC	1129A-2RTD		
Q37PC	1129A-3RTD		
Q47PC	1129A-4RTD		
Q57PC	1129A-5RTD		
R17PC	1129A-1RT		
R27PC	1129A-2RT		
R37PC	1129A-3RT		
R47PC	1129A-4RT		
R57PC	1129A-5RT		
S17PC	1129A-1RTE		
S27PC	1129A-2RTE		
S37PC	1129A-3RTE		
S47PC	1129A-4RTE		
S57PC	1129A-5RTE		

- 1/ 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 specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID PIN shown. For actual part marking requirements, see the marking paragraph in [A-A-59832](#).
- 2/ The PINs listed are for passivation treatment (finish-color codes PC).

TABLE VII. Supersession information.

Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN	Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN
84191-09ET	AA59832/07K11DG	84191-10ET	AA59832/07S11DG
84191-09EA	AA59832/07K12DG	84191-10EA	AA59832/07S12DG
84191-09PS	AA59832/07L17PC	84191-10PS	AA59832/07R17PC
84191-09CT	AA59832/07L11DG	84191-10CT	AA59832/07R11DG
84191-09CA	AA59832/07L12DG	84191-10CA	AA59832/07R12DG
84191-09*T 1/	AA59832/07L11A# 2/	84191-10*T 1/	AA59832/07R11A# 2/
84191-09*A 1/	AA59832/07L12A# 2/	84191-10*A 1/	AA59832/07R12A# 2/
84191-09CTBL	AA59832/07M11DG	84191-10CTBL	AA59832/07Q11DG
84191-09CABL	AA59832/07M12DG	84191-10CABL	AA59832/07Q12DG
84191-09*TBL 1/	AA59832/07M11A# 2/	84191-10*TBL 1/	AA59832/07Q11A# 2/
84191-09*ABL 1/	AA59832/07M12A# 2/	84191-10*ABL 1/	AA59832/07Q12A# 2/
84191-09PSBL	AA59832/07M17PC	84191-10PSBL	AA59832/07Q17PC
84191-09ETBL	AA59832/07N11DG	84191-10ETBL	AA59832/07P11DG
84191-09EABL	AA59832/07N12DG	84191-10EABL	AA59832/07P12DG
84191-11ET	AA59832/07K21DG	84191-12ET	AA59832/07S21DG
84191-11EA	AA59832/07K22DG	84191-12EA	AA59832/07S22DG
84191-11PS	AA59832/07L27PC	84191-12PS	AA59832/07R27PC
84191-11CT	AA59832/07L21DG	84191-12CT	AA59832/07R21DG
84191-11CA	AA59832/07L22DG	84191-12CA	AA59832/07R22DG
84191-11*T 1/	AA59832/07L21A# 2/	84191-12*T 1/	AA59832/07R21A# 2/
84191-11*A 1/	AA59832/07L22A# 2/	84191-12*A 1/	AA59832/07R22A# 2/
84191-11CTBL	AA59832/07M21DG	84191-12CTBL	AA59832/07Q21DG
84191-11CABL	AA59832/07M22DG	84191-12CABL	AA59832/07Q22DG
84191-11*TBL 1/	AA59832/07M21A# 2/	84191-12*TBL 1/	AA59832/07Q21A# 2/
84191-11*ABL 1/	AA59832/07M22A# 2/	84191-12*ABL 1/	AA59832/07Q22A# 2/
84191-11PSBL	AA59832/07M27PC	84191-12PSBL	AA59832/07Q27PC
84191-11ETBL	AA59832/07N21DG	84191-12ETBL	AA59832/07P21DG
84191-11EABL	AA59832/07N22DG	84191-12EABL	AA59832/07P22DG

See footnotes at end of table.

TABLE VII. Supersession information – Continued.

Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN	Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN
84191-13ET	AA59832/07K31DG	84191-14ET	AA59832/07S31DG
84191-13EA	AA59832/07K32DG	84191-14EA	AA59832/07S32DG
84191-13PS	AA59832/07L37PC	84191-14PS	AA59832/07R37PC
84191-13CT	AA59832/07L31DG	84191-14CT	AA59832/07R31DG
84191-13CA	AA59832/07L32DG	84191-14CA	AA59832/07R32DG
84191-13*T 1/	AA59832/07L31A# 2/	84191-14*T 1/	AA59832/07R31A# 2/
84191-13*A 1/	AA59832/07L32A# 2/	84191-14*A 1/	AA59832/07R32A# 2/
84191-13CTBL	AA59832/07M31DG	84191-14CTBL	AA59832/07Q31DG
84191-13CABL	AA59832/07M32DG	84191-14CABL	AA59832/07Q32DG
84191-13*TBL 1/	AA59832/07M31A# 2/	84191-14*TBL 1/	AA59832/07Q31A# 2/
84191-13*ABL 1/	AA59832/07M32A# 2/	84191-14*ABL 1/	AA59832/07Q32A# 2/
84191-13PSBL	AA59832/07M37PC	84191-14PSBL	AA59832/07Q37PC
84191-13ETBL	AA59832/07N31DG	84191-14ETBL	AA59832/07P31DG
84191-13EABL	AA59832/07N32DG	84191-14EABL	AA59832/07P32DG
84191-15ET	AA59832/07K41DG	84191-16ET	AA59832/07S41DG
84191-15EA	AA59832/07K42DG	84191-16EA	AA59832/07S42DG
84191-15PS	AA59832/07L47PC	84191-16PS	AA59832/07R47PC
84191-15CT	AA59832/07L41DG	84191-16CT	AA59832/07R41DG
84191-15CA	AA59832/07L42DG	84191-16CA	AA59832/07R42DG
84191-15*T 1/	AA59832/07L41A# 2/	84191-16*T 1/	AA59832/07R41A# 2/
84191-15*A 1/	AA59832/07L42A# 2/	84191-16*A 1/	AA59832/07R42A# 2/
84191-15CTBL	AA59832/07M41DG	84191-16CTBL	AA59832/07Q41DG
84191-15CABL	AA59832/07M42DG	84191-16CABL	AA59832/07Q42DG
84191-15*TBL 1/	AA59832/07M41A# 2/	84191-16*TBL 1/	AA59832/07Q41A# 2/
84191-15*ABL 1/	AA59832/07M42A# 2/	84191-16*ABL 1/	AA59832/07Q42A# 2/
84191-15PSBL	AA59832/07M47PC	84191-16PSBL	AA59832/07Q47PC
84191-15ETBL	AA59832/07N41DG	84191-16ETBL	AA59832/07P41DG
84191-15EABL	AA59832/07N42DG	84191-16EABL	AA59832/07P42DG

See footnotes at end of table.

TABLE VII. Supersession information – Continued.

Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN	Superseded (old) PIN in accordance with DESC Drawing 84191	Superseding (new) CID PIN
84191-35ET	AA59832/07 K51DG	84191-36ET	AA59832/07 S51DG
84191-35EA	AA59832/07 K52DG	84191-36EA	AA59832/07 S52DG
84191-35PS	AA59832/07 L57PC	84191-36PS	AA59832/07 R57PC
84191-35CT	AA59832/07 L51DG	84191-36CT	AA59832/07 R51DG
84191-35CA	AA59832/07 L52DG	84191-36CA	AA59832/07 R52DG
84191-35*T <u>1/</u>	AA59832/07 L51A# <u>2/</u>	84191-36*T <u>1/</u>	AA59832/07 R51A# <u>2/</u>
84191-35*A <u>1/</u>	AA59832/07 L52A# <u>2/</u>	84191-36*A <u>1/</u>	AA59832/07 R52A# <u>2/</u>
84191-35CTBL	AA59832/07 M51DG	84191-36CTBL	AA59832/07 Q51DG
84191-35CABL	AA59832/07 M52DG	84191-36CABL	AA59832/07 Q52DG
84191-35*TBL <u>1/</u>	AA59832/07 M51A# <u>2/</u>	84191-36*TBL <u>1/</u>	AA59832/07 Q51A# <u>2/</u>
84191-35*ABL <u>1/</u>	AA59832/07 M52A# <u>2/</u>	84191-36*ABL <u>1/</u>	AA59832/07 Q52A# <u>2/</u>
84191-35PSBL	AA59832/07 M57PC	84191-36PSBL	AA59832/07 Q57PC
84191-35ETBL	AA59832/07 N51DG	84191-36ETBL	AA59832/07 P51DG
84191-35EABL	AA59832/07 N52DG	84191-36EABL	AA59832/07 P52DG

1/ The asterisk "*" denotes the anodize aluminum finish colors for DESC Drawing 84191.

2/ The pound-sign "#" denotes the anodize aluminum finish colors of [table III](#) herein.

MILITARY INTERESTS:

Custodians:

Army – CR
Navy – EC
Air Force – 85
DLA – CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA – FAS

Preparing Activity:
DLA – CC

Project: 5998-2024-007

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>.