

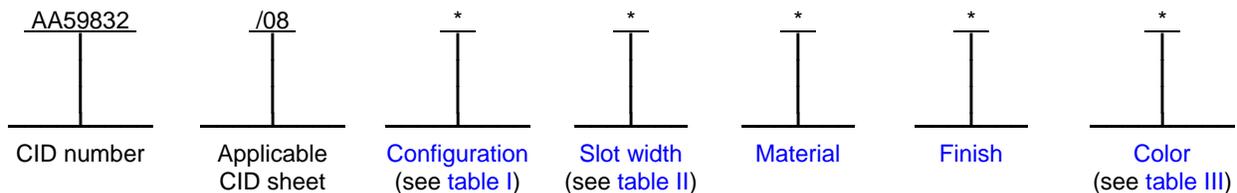
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

EXTRACTOR, ELECTRICAL CARD, METAL, NON-LOCKING, SINGLE-SIDED ACTUATION,
NARROW PROFILE, STRAIGHT 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: AA59832/08S21AY is the PIN for a right handed, straight handle with release tab, aluminum (alloy 6061)
extractor designed for mounting on a circuit card assembly with a printed board thickness of .063 inch (1.60 mm) in
width. The corrosion protection finish is yellow anodize with a contrasting color SED symbol on the handle.

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 straight handle
L	1	Left hand with straight handle
M	3	Left hand with bent leg and straight handle
N	3 and 4	Left hand with bent leg and SED symbol on the straight handle
P	4 and 5	Right hand with bent leg and SED symbol on the straight handle
Q	5	Right hand with bent leg and straight handle
R	6	Right hand with straight handle
S	6 and 2	Right hand with SED symbol on the straight 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).

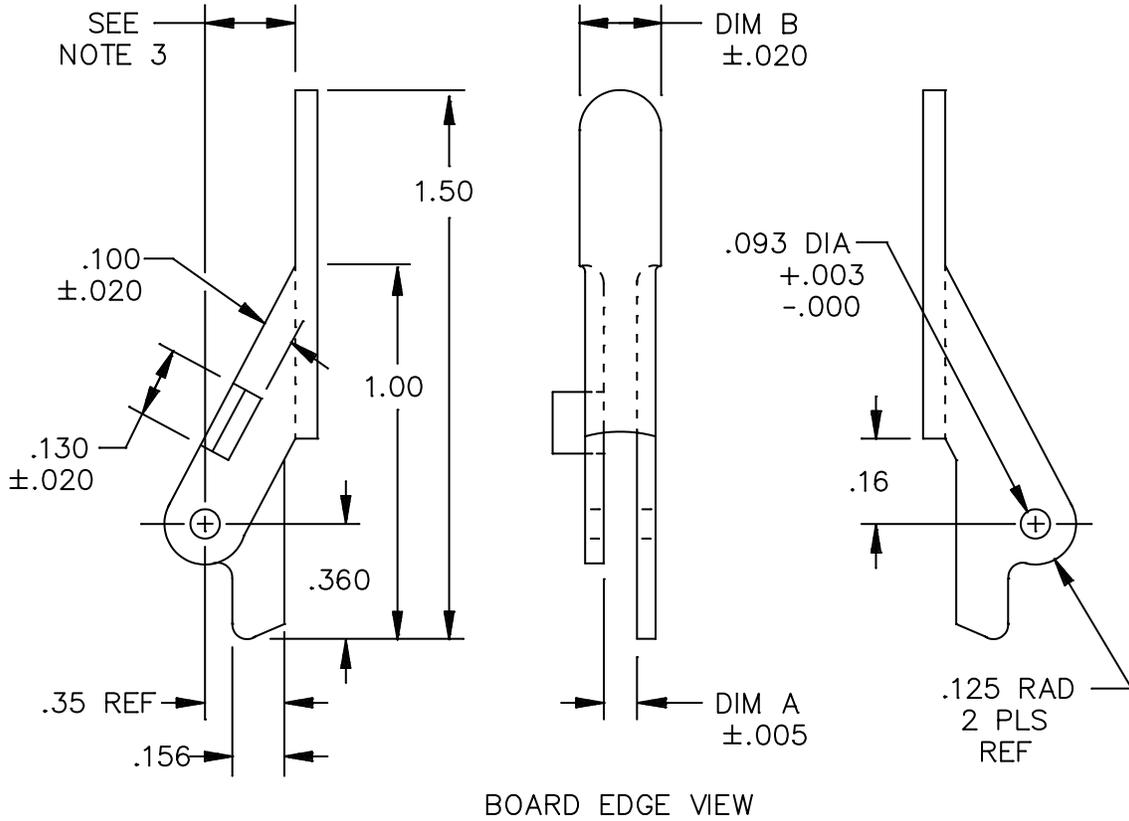
Roll pin. A stainless steel roll pin is furnished with each extractor. The roll pin is .09375 inch (2.38 mm) diameter by the lengths specified in table II.

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) or "L" (low resistance chemical film) 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 low resistance 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

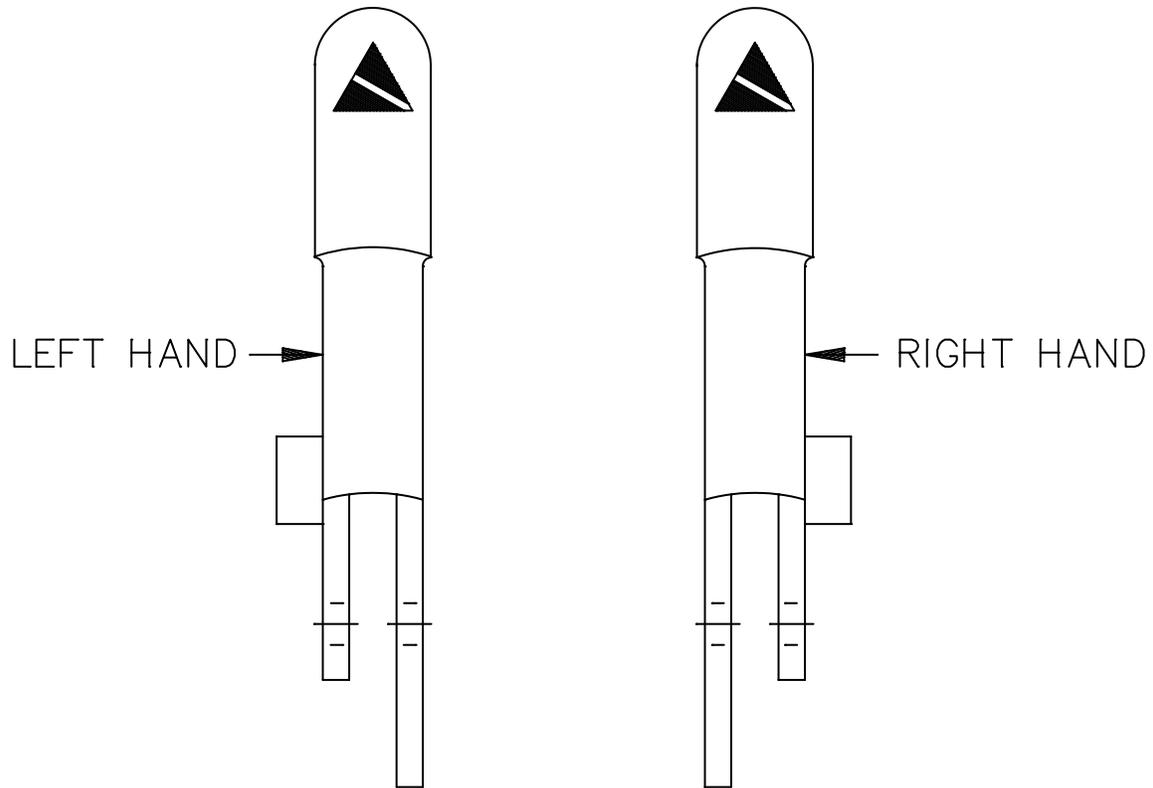


Inches	mm								
.003	0.08	.020	0.51	.125	3.18	.16	4.06	.360	9.14
.005	0.13	.093	2.36	.156	3.96	.18	4.57	1.00	25.4
						.35	8.89	1.50	38.1

NOTES:

1. Dimensions are in inches. Millimeter equivalents are given for general information only.
2. Unless otherwise specified, tolerances are ±.02 inch (0.51 mm) for two place decimals and ±.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.

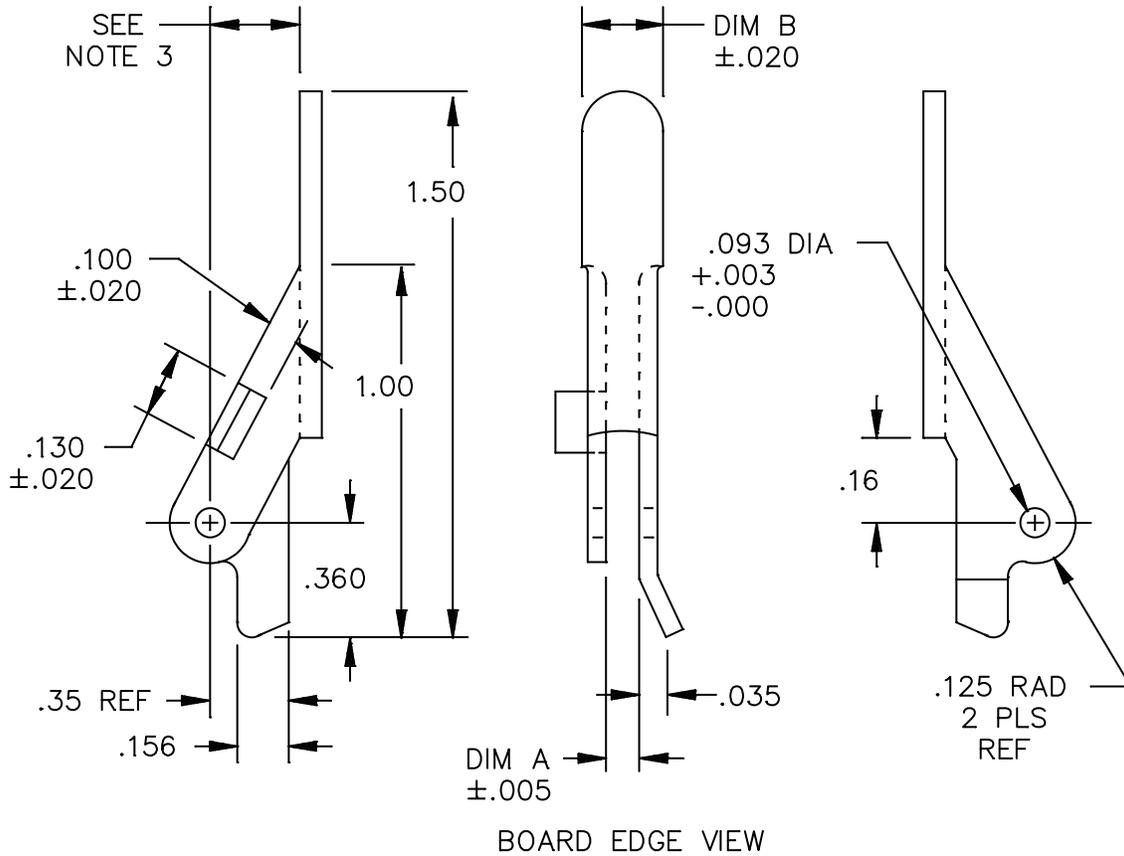
FIGURE 1. Configuration L dimensions (left hand).



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).

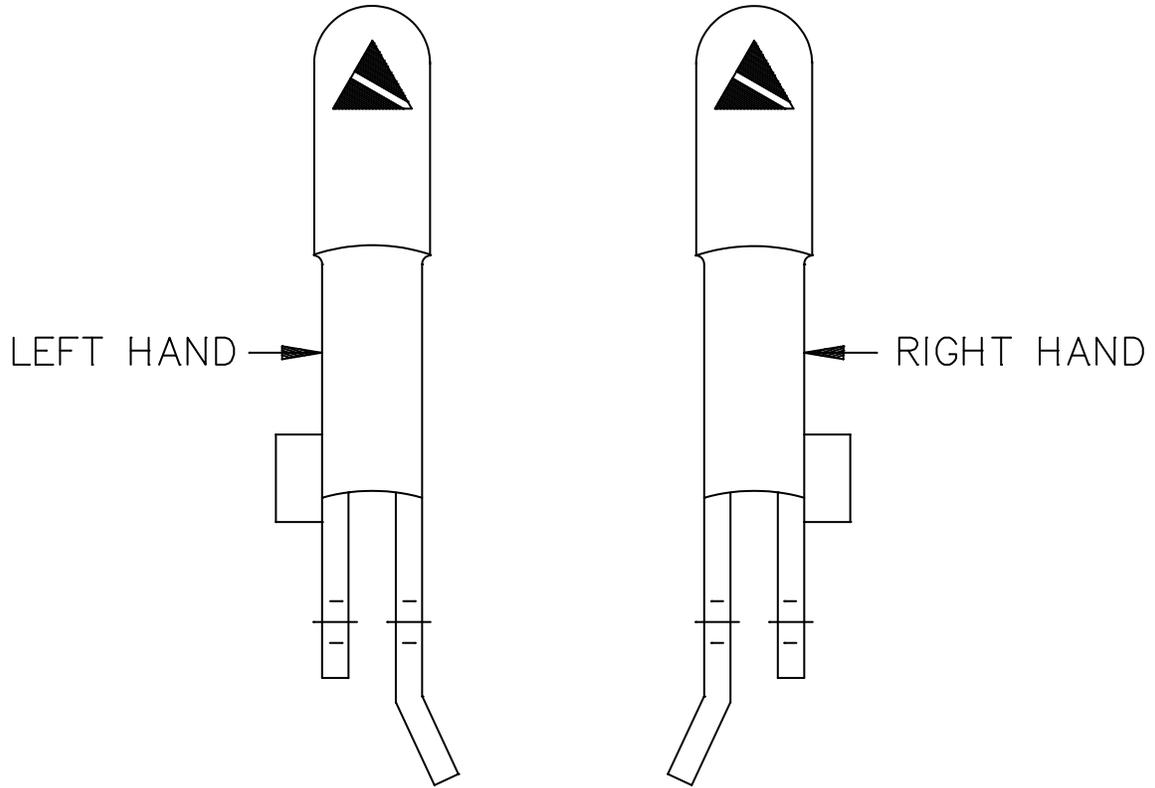


Inches	mm								
.003	0.08	.020	0.51	.093	2.36	.156	3.96	.360	9.14
.005	0.13	.035	0.89	.125	3.18	.16	4.06	1.00	25.4
						.35	8.89	1.50	38.1

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.

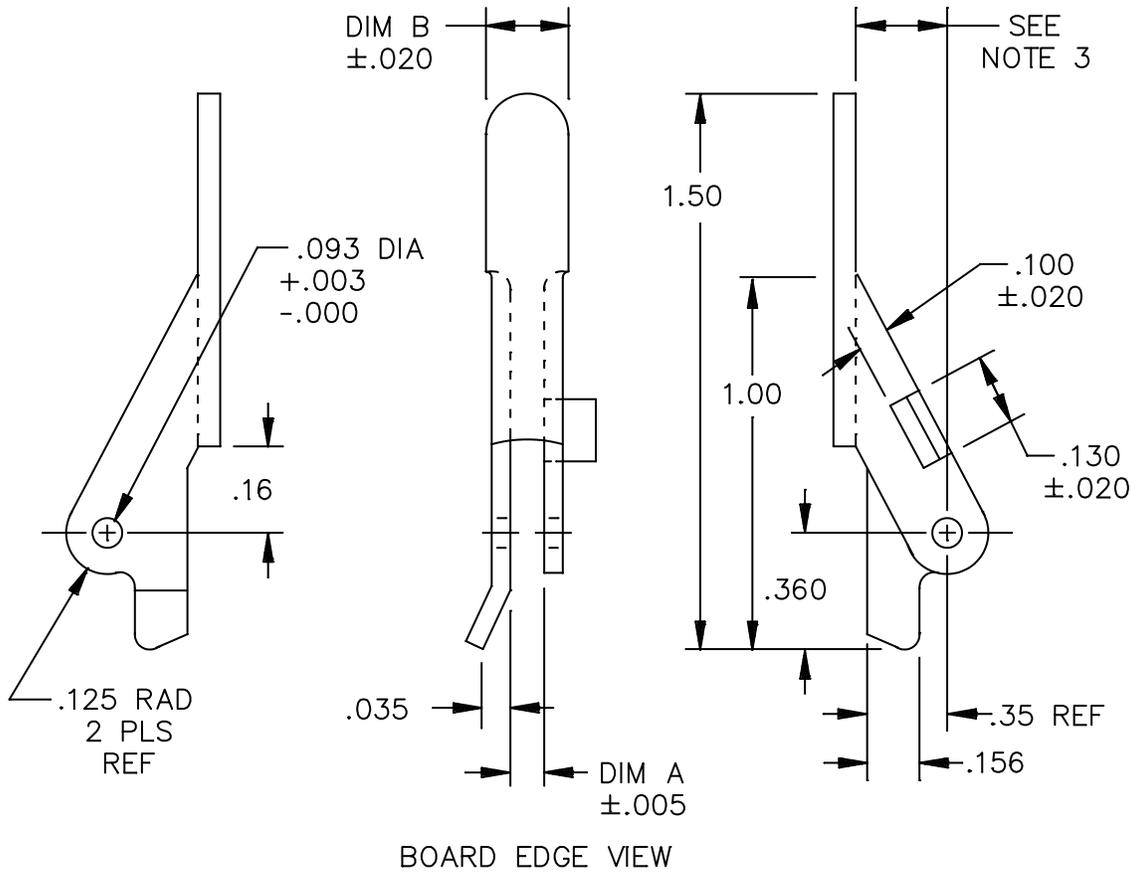
FIGURE 3. Configuration M dimensions (left hand with bent leg).



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 SED symbol on extractor handle (board edge view).

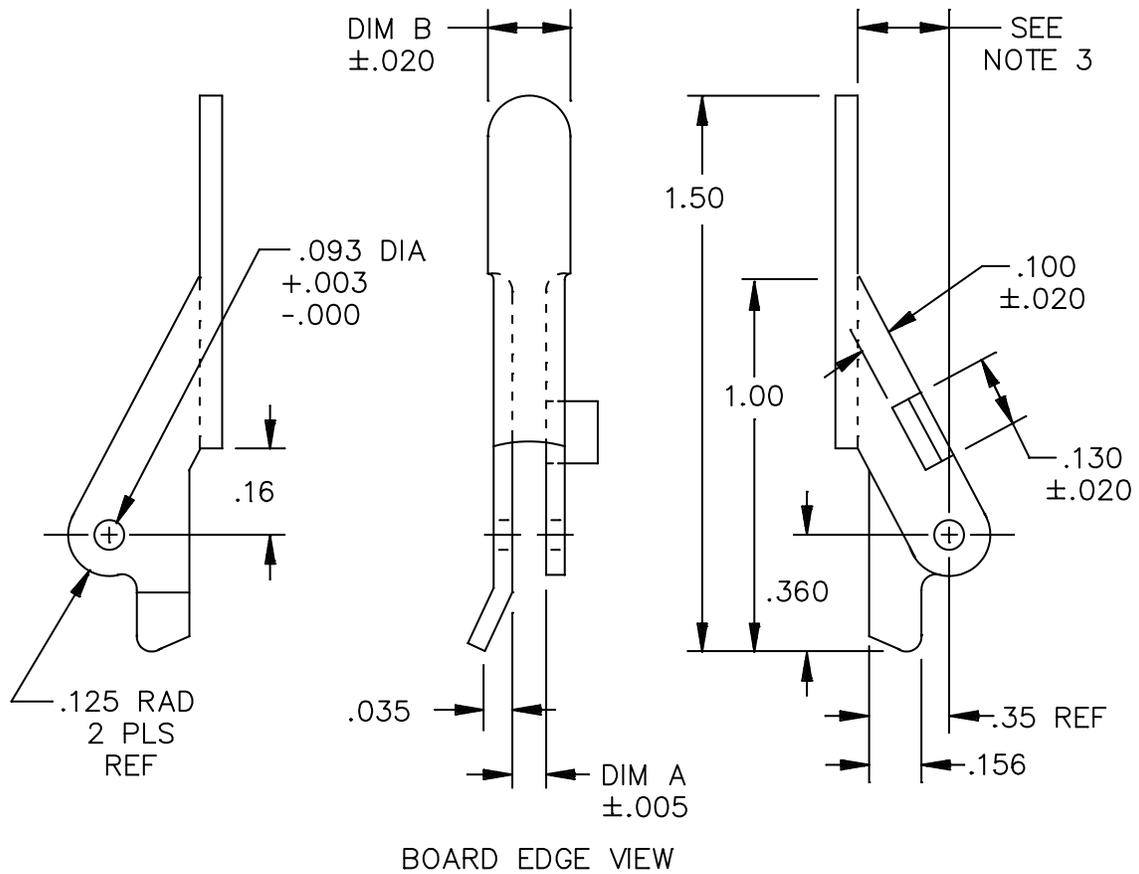


Inches	mm								
.003	0.08	.020	0.51	.093	2.36	.156	3.89	.360	9.14
.005	0.13	.035	0.89	.125	3.18	.16	4.06	1.00	25.4
						.35	8.89	1.50	38.1

NOTES:

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



Inches	mm								
.003	0.08	.020	0.51	.093	2.36	.156	3.89	.360	9.14
.005	0.13	.035	0.89	.125	3.18	.16	4.06	1.00	25.4
						.35	8.89	1.50	38.1

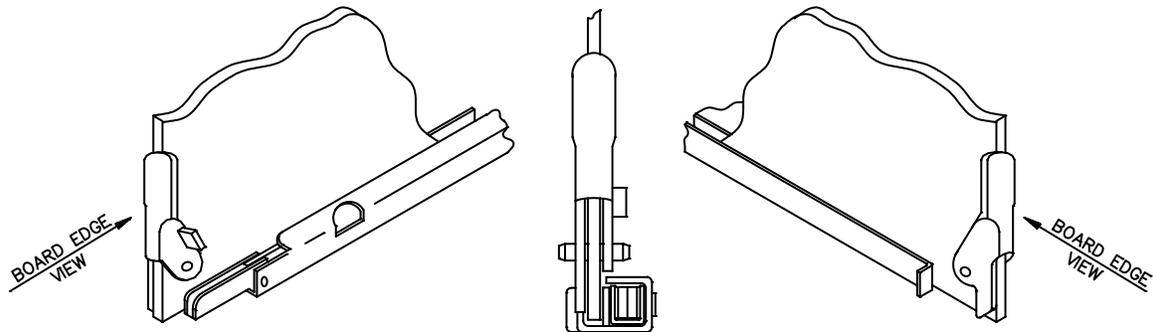
NOTES:

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 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).

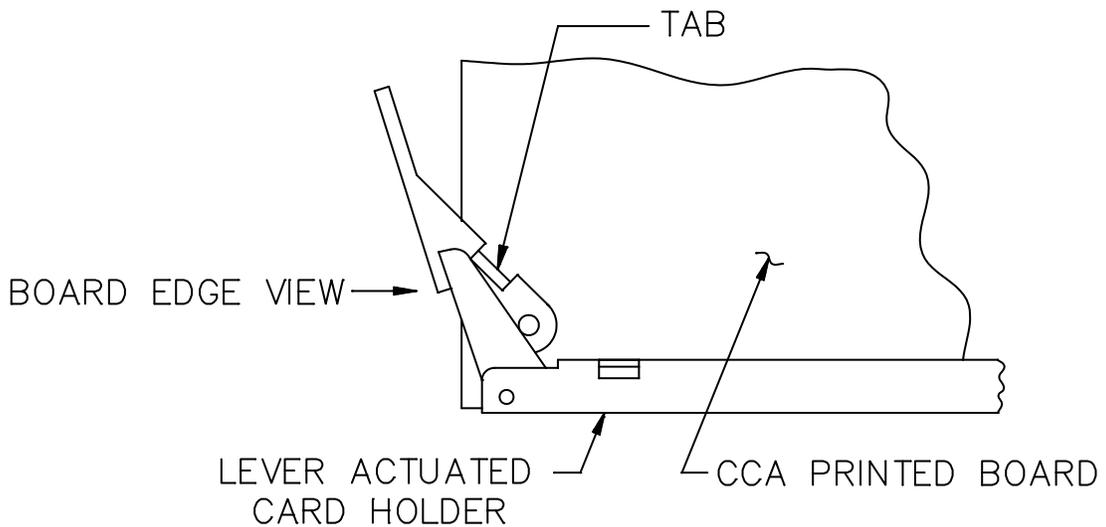
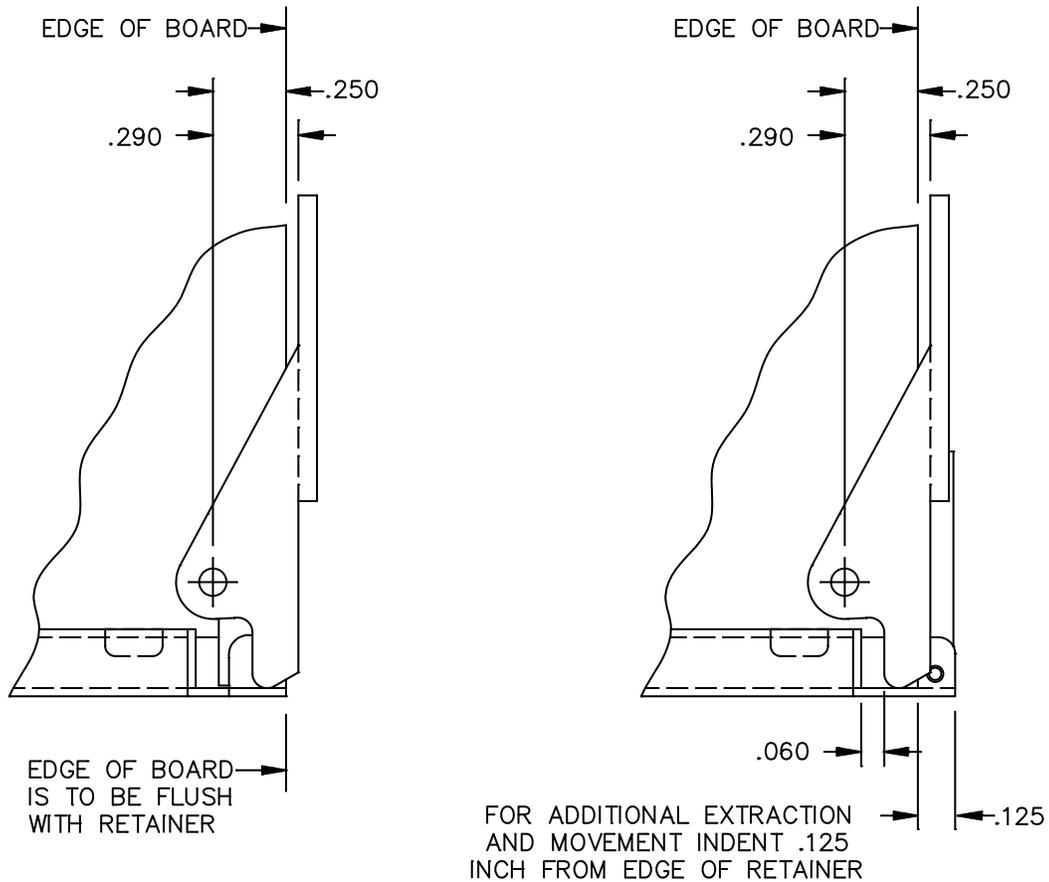


FIGURE 8. Circuit card assembly to card guide view (right hand extractor shown).

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 release 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.



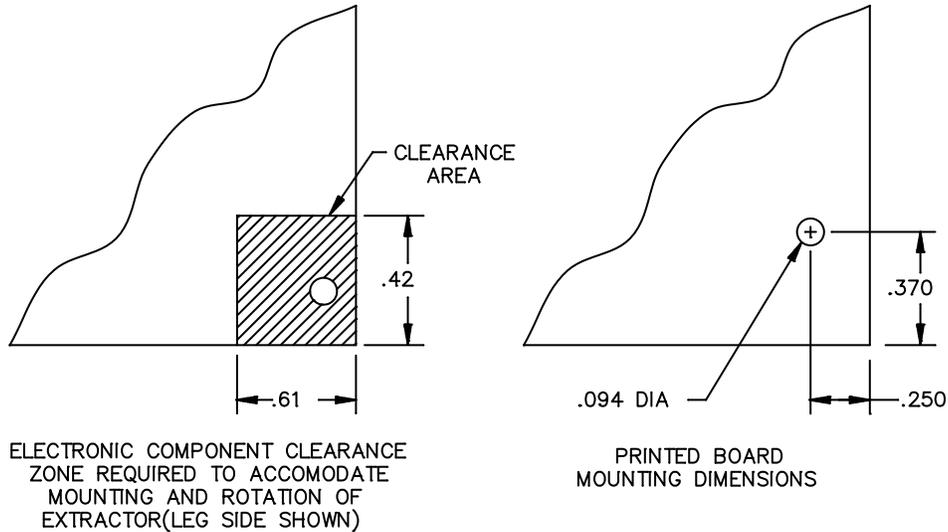
Inches	mm	Inches	mm	Inches	mm	Inches	mm
.060	1.52	.125	3.18	.250	6.35	.290	7.37

NOTES:

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

FIGURE 9. Circuit card assembly to 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 <http://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.)

<u>Manufacturer CAGE</u>	<u>Manufacturer name and address</u>	<u>Manufacturer contact information</u>	
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	
61081	Schroff – A Division of Pentair Equipment and Electronics Protection 7328 Trade Street San Diego, CA 92121-3410	Telephone: (800) 854-7086 Facsimile: (858) 740-2430 E-mail: schroff.us@pentair.com URL: http://www.pentairprotect.com	

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 AA59832/08	Vendor similar designator or type part number <u>1/ 2/</u>		
	CAGE 5BG68	CAGE 61081	
K11AR	1119S-1LRATE	S71T6-1-L-A-1-E	
K21AR	1119S-2LRATE	S71T6-2-L-A-1-E	
K31AR	1119S-3LRATE	S71T6-3-L-A-1-E	
K41AR	1119S-4LRATE	S71T6-4-L-A-1-E	
K51AR	1119S-5LRATE	S71T6-5-L-A-1-E	
K11LG	1119S-1LCGTE	S71T6-1-L-A-E	
K21LG	1119S-2LCGTE	S71T6-2-L-A-E	
K31LG	1119S-3LCGTE	S71T6-3-L-A-E	
K41LG	1119S-4LCGTE	S71T6-4-L-A-E	
K51LG	1119S-5LCGTE	S71T6-5-L-A-E	
L11AR	1119S-1LRAT	S71T6-1-L-A-1	
L21AR	1119S-2LRAT	S71T6-2-L-A-1	
L31AR	1119S-3LRAT	S71T6-3-L-A-1	
L41AR	1119S-4LRAT	S71T6-4-L-A-1	
L51AR	1119S-5LRAT	S71T6-5-L-A-1	
L11LG	1119S-1LCGT	S71T6-1-L-A	
L21LG	1119S-2LCGT	S71T6-2-L-A	
L31LG	1119S-3LCGT	S71T6-3-L-A	
L41LG	1119S-4LCGT	S71T6-4-L-A	
L51LG	1119S-5LCGT	S71T6-5-L-A	

See footnotes at end of table.

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

PIN designator AA59832/08	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
M11AR	1119S-1LRATD	S71T6-1-L-A-1-BL	
M21AR	1119S-2LRATD	S71T6-2-L-A-1-BL	
M31AR	1119S-3LRATD	S71T6-3-L-A-1-BL	
M41AR	1119S-4LRATD	S71T6-4-L-A-1-BL	
M51AR	1119S-5LRATD	S71T6-5-L-A-1-BL	
M11LG	1119S-1LCGTD	S71T6-1-L-A-BL	
M21LG	1119S-2LCGTD	S71T6-2-L-A-BL	
M31LG	1119S-3LCGTD	S71T6-3-L-A-BL	
M41LG	1119S-4LCGTD	S71T6-4-L-A-BL	
M51LG	1119S-5LCGTD	S71T6-5-L-A-BL	
N11AR	1119S-2LRATDE	S71T6-1-L-A-1-BL-E	
N21AR	1119S-2LRATDE	S71T6-2-L-A-1-BL-E	
N31AR	1119S-3LRATDE	S71T6-3-L-A-1-BL-E	
N41AR	1119S-4LRATDE	S71T6-4-L-A-1-BL-E	
N51AR	1119S-5LRATDE	S71T6-5-L-A-1-BL-E	
N11LG	1119S-1LCGTDE	S71T6-1-L-A-BL-E	
N21LG	1119S-2LCGTDE	S71T6-2-L-A-BL-E	
N31LG	1119S-3LCGTDE	S71T6-3-L-A-BL-E	
N41LG	1119S-4LCGTDE	S71T6-4-L-A-BL-E	
N51LG	1119S-5LCGTDE	S71T6-5-L-A-BL-E	
P11AR	1119S-1RRATDE	S71T6-1-R-A-1-BL-E	
P21AR	1119S-2RRATDE	S71T6-2-R-A-1-BL-E	
P31AR	1119S-3RRATDE	S71T6-3-R-A-1-BL-E	
P41AR	1119S-4RRATDE	S71T6-4-R-A-1-BL-E	
P51AR	1119S-5RRATDE	S71T6-5-R-A-1-BL-E	
P11LG	1119S-1RCGTDE	S71T6-1-R-A-BL-E	
P21LG	1119S-2RCGTDE	S71T6-2-R-A-BL-E	
P31LG	1119S-3RCGTDE	S71T6-3-R-A-BL-E	
P41LG	1119S-4RCGTDE	S71T6-4-R-A-BL-E	
P51LG	1119S-5RCGTDE	S71T6-5-R-A-BL-E	
Q11AR	1119S-1RRATD	S71T6-1-R-A-1-BL	
Q21AR	1119S-2RRATD	S71T6-2-R-A-1-BL	
Q31AR	1119S-3RRATD	S71T6-3-R-A-1-BL	
Q41AR	1119S-4RRATD	S71T6-4-R-A-1-BL	
Q51AR	1119S-5RRATD	S71T6-5-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 AA59832/08	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
Q11LG	1119S-1RCGTD	S71T6-1-R-A-BL	
Q21LG	1119S-2RCGTD	S71T6-2-R-A-BL	
Q31LG	1119S-3RCGTD	S71T6-3-R-A-BL	
Q41LG	1119S-4RCGTD	S71T6-4-R-A-BL	
Q51LG	1119S-5RCGTD	S71T6-5-R-A-BL	
R11AR	1119S-1RRAT	S71T6-1-R-A-1	
R21AR	1119S-2RRAT	S71T6-2-R-A-1	
R31AR	1119S-3RRAT	S71T6-3-R-A-1	
R41AR	1119S-4RRAT	S71T6-4-R-A-1	
R51AR	1119S-5RRAT	S71T6-5-R-A-1	
R11LG	1119S-1RCGT	S71T6-1-R-A	
R21LG	1119S-2RCGT	S71T6-2-R-A	
R31LG	1119S-3RCGT	S71T6-3-R-A	
R41LG	1119S-4RCGT	S71T6-4-R-A	
R51LG	1119S-5RCGT	S71T6-5-R-A	
S11AR	1119S-1RRATE	S71T6-1-R-A-1-E	
S21AR	1119S-2RRATE	S71T6-2-R-A-1-E	
S31AR	1119S-3RRATE	S71T6-3-R-A-1-E	
S41AR	1119S-4RRATE	S71T6-4-R-A-1-E	
S51AR	1119S-5RRATE	S71T6-5-R-A-1-E	
S11LG	1119S-1RCGTE	S71T6-1-R-A-E	
S21LG	1119S-2RCGTE	S71T6-2-R-A-E	
S31LG	1119S-3RCGTE	S71T6-3-R-A-E	
S41LG	1119S-4RCGTE	S71T6-4-R-A-E	
S51LG	1119S-5RCGTE	S71T6-5-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 PINs listed are for gold low resistance chemical film (CID finish code LG) or red anodize (CID finish code AR). Low resistance chemical film is also available in clear (CID finish code LC). See [table III](#) for the finish codes for the other 9 anodize colors available.

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

PIN designator AA59832/08	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
K12AB	1109A-1LBATE	S71-1-L-A-5-E	
K22AB	1109A-2LBATE	S71-2-L-A-5-E	
K32AB	1109A-3LBATE	S71-3-L-A-5-E	
K42AB	1109A-4LBATE	S71-4-L-A-5-E	
K52AB	1109A-5LBATE	S71-5-L-A-5-E	
K12LC	1109A-1LCCTE	S71-1-L-A-CC-E	
K22LC	1109A-2LCCTE	S71-2-L-A-CC-E	
K32LC	1109A-3LCCTE	S71-3-L-A-CC-E	
K42LC	1109A-4LCCTE	S71-4-L-A-CC-E	
K52LC	1109A-5LCCTE	S71-5-L-A-CC-E	
L12AB	1109A-1LBAT	S71-1-L-A-5	
L22AB	1109A-2LBAT	S71-2-L-A-5	
L32AB	1109A-3LBAT	S71-3-L-A-5	
L42AB	1109A-4LBAT	S71-4-L-A-5	
L52AB	1109A-5LBAT	S71-5-L-A-5	
L12LC	1109A-1LCCT	S71-1-L-A-CC	
L22LC	1109A-2LCCT	S71-2-L-A-CC	
L32LC	1109A-3LCCT	S71-3-L-A-CC	
L42LC	1109A-4LCCT	S71-4-L-A-CC	
L52LC	1109A-5LCCT	S71-5-L-A-CC	
M12AB	1109A-1LBATD	S71-1-L-A-5-BL	
M22AB	1109A-2LBATD	S71-2-L-A-5-BL	
M32AB	1109A-3LBATD	S71-3-L-A-5-BL	
M42AB	1109A-4LBATD	S71-4-L-A-5-BL	
M52AB	1109A-5LBATD	S71-5-L-A-5-BL	
M12LC	1109A-1LCCTD	S71-1-L-A-CC-BL	
M22LC	1109A-2LCCTD	S71-2-L-A-CC-BL	
M32LC	1109A-3LCCTD	S71-3-L-A-CC-BL	
M42LC	1109A-4LCCTD	S71-4-L-A-CC-BL	
M52LC	1109A-5LCCTD	S71-5-L-A-CC-BL	
N12AB	1109A-1LBATDE	S71-1-L-A-5-BL-E	
N22AB	1109A-2LBATDE	S71-2-L-A-5-BL-E	
N32AB	1109A-3LBATDE	S71-3-L-A-5-BL-E	
N42AB	1109A-4LBATDE	S71-4-L-A-5-BL-E	
N52AB	1109A-5LBATDE	S71-5-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 AA59832/08	Vendor similar designator or type part number 1/ 2/		
	CAGE 5BG68	CAGE 61081	
N12LC	1109A-1LCCTDE	S71-1-L-A-CC-BL-E	
N22LC	1109A-2LCCTDE	S71-2-L-A-CC-BL-E	
N32LC	1109A-3LCCTDE	S71-3-L-A-CC-BL-E	
N42LC	1109A-4LCCTDE	S71-4-L-A-CC-BL-E	
N52LC	1109A-5LCCTDE	S71-5-L-A-CC-BL-E	
P12AB	1109A-1RBATDE	S71-1-R-A-5-BL-E	
P22AB	1109A-2RBATDE	S71-2-R-A-5-BL-E	
P32AB	1109A-3RBATDE	S71-3-R-A-5-BL-E	
P42AB	1109A-4RBATDE	S71-4-R-A-5-BL-E	
P52AB	1109A-5RBATDE	S71-5-R-A-5-BL-E	
P12LC	1109A-1RCCTDE	S71-1-R-A-CC-BL-E	
P22LC	1109A-2RCCTDE	S71-2-R-A-CC-BL-E	
P32LC	1109A-3RCCTDE	S71-3-R-A-CC-BL-E	
P42LC	1109A-4RCCTDE	S71-4-R-A-CC-BL-E	
P52LC	1109A-5RCCTDE	S71-5-R-A-CC-BL-E	
Q12AB	1109A-1RBATD	S71-1-R-A-5-BL	
Q22AB	1109A-2RBATD	S71-2-R-A-5-BL	
Q32AB	1109A-3RBATD	S71-3-R-A-5-BL	
Q42AB	1109A-4RBATD	S71-4-R-A-5-BL	
Q52AB	1109A-5RBATD	S71-5-R-A-5-BL	
Q12LC	1109A-1RCCTD	S71-1-R-A-CC-BL	
Q22LC	1109A-2RCCTD	S71-2-R-A-CC-BL	
Q32LC	1109A-3RCCTD	S71-3-R-A-CC-BL	
Q42LC	1109A-4RCCTD	S71-4-R-A-CC-BL	
Q52LC	1109A-5RCCTD	S71-5-R-A-CC-BL	
R12AB	1109A-1RBAT	S71-1-R-A-5	
R22AB	1109A-2RBAT	S71-2-R-A-5	
R32AB	1109A-3RBAT	S71-3-R-A-5	
R42AB	1109A-4RBAT	S71-4-R-A-5	
R52AB	1109A-5RBAT	S71-5-R-A-5	
R12LC	1109A-1RCCT	S71-1-R-A-CC	
R22LC	1109A-2RCCT	S71-2-R-A-CC	
R32LC	1109A-3RCCT	S71-3-R-A-CC	
R42LC	1109A-4RCCT	S71-4-R-A-CC	
R52LC	1109A-5RCCT	S71-5-R-A-CC	

See footnotes at end of table.

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

PIN designator AA59832/08	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
S12AB	1109A-1RBATE	S71-1-R-A-5-E	
S22AB	1109A-2RBATE	S71-2-R-A-5-E	
S32AB	1109A-3RBATE	S71-3-R-A-5-E	
S42AB	1109A-4RBATE	S71-4-R-A-5-E	
S52AB	1109A-5RBATE	S71-5-R-A-5-E	
S12LC	1109A-1RCCTE	S71-1-R-A-CC-E	
S22LC	1109A-2RCCTE	S71-2-R-A-CC-E	
S32LC	1109A-3RCCTE	S71-3-R-A-CC-E	
S42LC	1109A-4RCCTE	S71-4-R-A-CC-E	
S52LC	1109A-5RCCTE	S71-5-R-A-CC-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 PINs listed are for clear low resistance chemical film (CID finish code LC) or black anodize (CID finish code AB). Low resistance chemical film is also available in gold (CID finish code LG). See [table III](#) for the finish codes for the other 9 anodize colors available.

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

PIN designator AA59832/08	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
K17PC	1129S-1LTE		
K27PC	1129S-2LTE	S71CR-2-L-A-E	
K37PC	1129S-3LTE	S71CR-3-L-A-E	
K47PC	1129S-4LTE		
K57PC	1129S-5LTE		
L17PC	1129S-1LT		
L27PC	1129S-2LT	S71CR-2-L-A	
L37PC	1129S-3LT	S71CR-3-L-A	
L47PC	1129S-4LT		
L57PC	1129S-5LT		
M17PC	1129S-1LTD		
M27PC	1129S-2LTD	S71CR-2-L-A-BL	
M37PC	1129S-3LTD	S71CR-3-L-A-BL	
M47PC	1129S-4LTD		
M57PC	1129S-5LTD		

See footnotes at end of table.

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

PIN designator AA59832/08	Vendor similar designator or type part number <u>1/</u> <u>2/</u>		
	CAGE 5BG68	CAGE 61081	
N17PC	1129S-1LTDE		
N27PC	1129S-2LTDE	S71CR-2-L-A-BL-E	
N37PC	1129S-3LTDE	S71CR-3-L-A-BL-E	
N47PC	1129S-4LTDE		
N57PC	1129S-5LTDE		
P17PC	1129S-1RTDE		
P27PC	1129S-2RTDE	S71CR-2-R-A-BL-E	
P37PC	1129S-3RTDE	S71CR-3-R-A-BL-E	
P47PC	1129S-4RTDE		
P57PC	1129S-5RTDE		
Q17PC	1129S-1RTD		
Q27PC	1129S-2RTD	S71CR-2-R-A-BL	
Q37PC	1129S-3RTD	S71CR-3-R-A-BL	
Q47PC	1129S-4RTD		
Q57PC	1129S-5RTD		
R17PC	1129S-1RT		
R27PC	1129S-2RT	S71CR-2-R-A	
R37PC	1129S-3RT	S71CR-3-R-A	
R47PC	1129S-4RT		
R57PC	1129S-5RT		
S17PC	1129S-1RTE		
S27PC	1129S-2RTE	S71CR-2-R-A	
S37PC	1129S-3RTE	S71CR-3-R-A	
S47PC	1129S-4RTE		
S57PC	1129S-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 (CID finish code 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
84191-17ET	AA59832/08K11LG	84191-18ET	AA59832/08S11LG
84191-17EA	AA59832/08K12LG	84191-18EA	AA59832/08S12LG
84191-17PS	AA59832/08L17PC	84191-18PS	AA59832/08R17PC
84191-17CT	AA59832/08L11LG	84191-18CT	AA59832/08R11LG
84191-17CA	AA59832/08L12LG	84191-18CA	AA59832/08R12LG
84191-17*T 1/	AA59832/08L11A# 2/	84191-18*T 1/	AA59832/08R11A# 2/
84191-17*A 1/	AA59832/08L12A# 2/	84191-18*A 1/	AA59832/08R12A# 2/
84191-17CTBL	AA59832/08M11LG	84191-18CTBL	AA59832/08Q11LG
84191-17CABL	AA59832/08M12LG	84191-18CABL	AA59832/08Q12LG
84191-17*TBL 1/	AA59832/08M11A# 2/	84191-18*TBL 1/	AA59832/08Q11A# 2/
84191-17*ABL 1/	AA59832/08M12A# 2/	84191-18*ABL 1/	AA59832/08Q12A# 2/
84191-17PSBL	AA59832/08M17PC	84191-18PSBL	AA59832/08Q17PC
84191-17ETBL	AA59832/08N11LG	84191-18ETBL	AA59832/08P11LG
84191-17EABL	AA59832/08N12LG	84191-18EABL	AA59832/08P12LG
84191-19ET	AA59832/08K21LG	84191-20ET	AA59832/08S21LG
84191-19EA	AA59832/08K22LG	84191-20EA	AA59832/08S22LG
84191-19PS	AA59832/08L27PC	84191-20PS	AA59832/08R27PC
84191-19CT	AA59832/08L21LG	84191-20CT	AA59832/08R21LG
84191-19CA	AA59832/08L22LG	84191-20CA	AA59832/08R22LG
84191-19*T 1/	AA59832/08L21A# 2/	84191-20*T 1/	AA59832/08R21A# 2/
84191-19*A 1/	AA59832/08L22A# 2/	84191-20*A 1/	AA59832/08R22A# 2/
84191-19CTBL	AA59832/08M21LG	84191-20CTBL	AA59832/08Q21LG
84191-19CABL	AA59832/08M22LG	84191-20CABL	AA59832/08Q22LG
84191-19*TBL 1/	AA59832/08M21A# 2/	84191-20*TBL 1/	AA59832/08Q21A# 2/
84191-19*ABL 1/	AA59832/08M22A# 2/	84191-20*ABL 1/	AA59832/08Q22A# 2/
84191-19PSBL	AA59832/08M27PC	84191-20PSBL	AA59832/08Q27PC
84191-19ETBL	AA59832/08N21LG	84191-20ETBL	AA59832/08P21LG
84191-19EABL	AA59832/08N22LG	84191-20EABL	AA59832/08P22LG

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
84191-21ET	AA59832/08K31LG	84191-22ET	AA59832/08S31LG
84191-21EA	AA59832/08K32LG	84191-22EA	AA59832/08S32LG
84191-21PS	AA59832/08L37PC	84191-22PS	AA59832/08R37PC
84191-21CT	AA59832/08L31LG	84191-22CT	AA59832/08R31LG
84191-21CA	AA59832/08L32LG	84191-22CA	AA59832/08R32LG
84191-21*T 1/	AA59832/08L31A# 2/	84191-22*T 1/	AA59832/08R31A# 2/
84191-21*A 1/	AA59832/08L32A# 2/	84191-22*A 1/	AA59832/08R32A# 2/
84191-21CTBL	AA59832/08M31LG	84191-22CTBL	AA59832/08Q31LG
84191-21CABL	AA59832/08M32LG	84191-22CABL	AA59832/08Q32LG
84191-21*TBL 1/	AA59832/08M31A# 2/	84191-22*TBL 1/	AA59832/08Q31A# 2/
84191-21*ABL 1/	AA59832/08M32A# 2/	84191-22*ABL 1/	AA59832/08Q32A# 2/
84191-21PSBL	AA59832/08M37PC	84191-22PSBL	AA59832/08Q37PC
84191-21ETBL	AA59832/08N31LG	84191-22ETBL	AA59832/08P31LG
84191-21EABL	AA59832/08N32LG	84191-22EABL	AA59832/08P32LG
84191-23ET	AA59832/08K41LG	84191-24ET	AA59832/08S41LG
84191-23EA	AA59832/08K42LG	84191-24EA	AA59832/08S42LG
84191-23PS	AA59832/08L47PC	84191-24PS	AA59832/08R47PC
84191-23CT	AA59832/08L41LG	84191-24CT	AA59832/08R41LG
84191-23CA	AA59832/08L42LG	84191-24CA	AA59832/08R42LG
84191-23*T 1/	AA59832/08L41A# 2/	84191-24*T 1/	AA59832/08R41A# 2/
84191-23*A 1/	AA59832/08L42A# 2/	84191-24*A 1/	AA59832/08R42A# 2/
84191-23CTBL	AA59832/08M41LG	84191-24CTBL	AA59832/08Q41LG
84191-23CABL	AA59832/08M42LG	84191-24CABL	AA59832/08Q42LG
84191-23*TBL 1/	AA59832/08M41A# 2/	84191-24*TBL 1/	AA59832/08Q41A# 2/
84191-23*ABL 1/	AA59832/08M42A# 2/	84191-24*ABL 1/	AA59832/08Q42A# 2/
84191-23PSBL	AA59832/08M47PC	84191-24PSBL	AA59832/08Q47PC
84191-23ETBL	AA59832/08N41LG	84191-24ETBL	AA59832/08P41LG
84191-23EABL	AA59832/08N42LG	84191-24EABL	AA59832/08P42LG

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
84191-37ET	AA59832/08K51LG	84191-38ET	AA59832/08S51LG
84191-37EA	AA59832/08K52LG	84191-38EA	AA59832/08S52LG
84191-37PS	AA59832/08L57PC	84191-38PS	AA59832/08R57PC
84191-37CT	AA59832/08L51LG	84191-38CT	AA59832/08R51LG
84191-37CA	AA59832/08L52LG	84191-38CA	AA59832/08R52LG
84191-37*T <u>1/</u>	AA59832/08L51A# <u>2/</u>	84191-38*T <u>1/</u>	AA59832/08R51A# <u>2/</u>
84191-37*A <u>1/</u>	AA59832/08L52A# <u>2/</u>	84191-38*A <u>1/</u>	AA59832/08R52A# <u>2/</u>
84191-37CTBL	AA59832/08M51LG	84191-38CTBL	AA59832/08Q51LG
84191-37CABL	AA59832/08M52LG	84191-38CABL	AA59832/08Q52LG
84191-37*TBL <u>1/</u>	AA59832/08M51A# <u>2/</u>	84191-38*TBL <u>1/</u>	AA59832/08Q51A# <u>2/</u>
84191-37*ABL <u>1/</u>	AA59832/08M52A# <u>2/</u>	84191-38*ABL <u>1/</u>	AA59832/08Q52A# <u>2/</u>
84191-37PSBL	AA59832/08M57PC	84191-38PSBL	AA59832/08Q57PC
84191-37ETBL	AA59832/08N51LG	84191-38ETBL	AA59832/08P51LG
84191-37EABL	AA59832/08N52LG	84191-38EABL	AA59832/08P52LG

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

Review Activity:
 Air Force – 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA – FAS
 Preparing Activity:
 DLA – CC
 Project: 5998-2014-008

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