

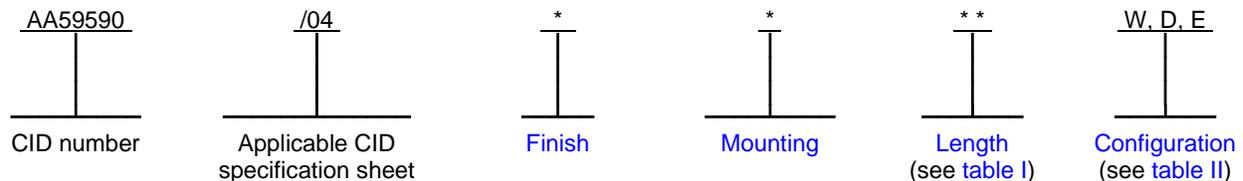
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, WEDGE RETAINERS, 3 PIECE,
SCREW ACTUATED DRIVE, .225 X .260 INCH BODY SIZE

The General Services Administration has authorized the use of this
commercial item description 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-59590](#).

CLASSIFICATION/PART OR 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](#)).



Example: AA59590/04EV28W is the PIN for a nickel finished, 2.8 inch (71.1 mm) long card holder. The card holder
also features two tapped mounting holes for use with 2-56 UNC 2B fasteners and a lockwasher and flat washer
under the screw head for added resistance to loosening.

SALIENT CHARACTERISTICS.

Performance. Card holders shall hold the circuit card assembly firmly in its installed position. When the card holder
is installed properly, it is capable of withstanding 60g/6ms of shock, 25 G-rms of vibration, and provides from 2 to 4
degrees C/W/inch thermal resistance transfer between the circuit card assembly and the heat sink surfaces.

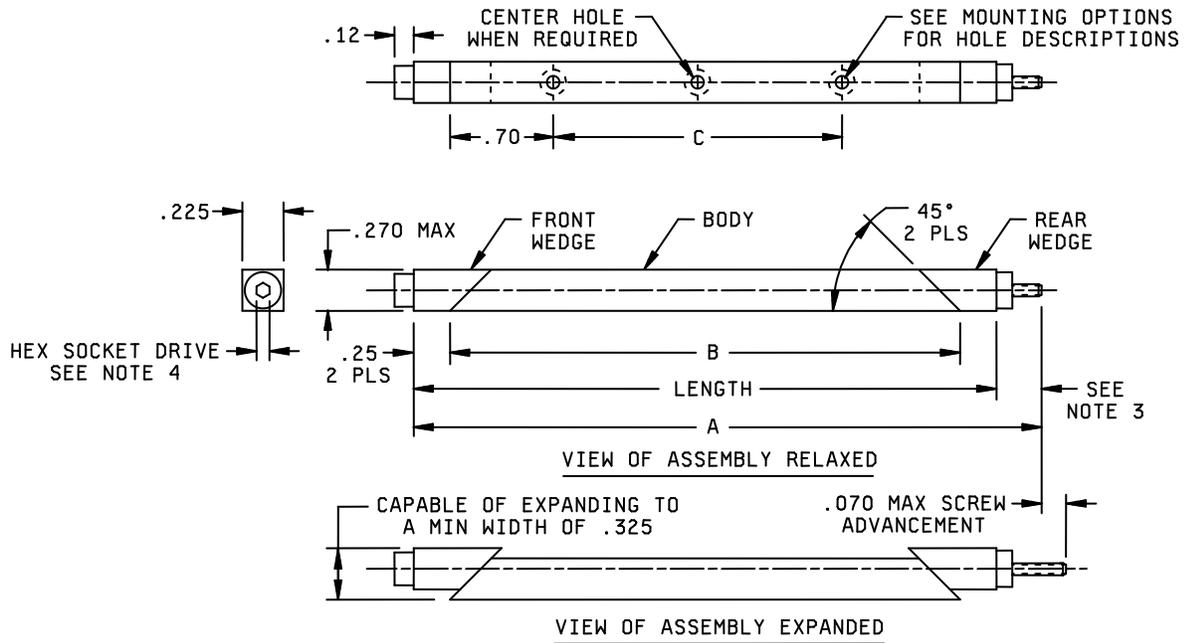
Material. Unless otherwise specified herein, the card holder materials shall be as specified in [A-A-59590](#).

Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified on
[figures 1, 2, 3](#), in [table I](#), and [A-A-59590](#).

Actuating screw hex drive socket. The across flats dimension for the hex drive socket shall be as follows: .094 inch
(2.38 mm) for mounting options "J", "K", "N", "T", "R", "V", and "S" and 2.5 mm (0.098 inch) for mounting options "G"
and "M".

Cold plate slot width dimensions. The recommend cold plate slot width to accommodate the circuit card assembly
with attached card holder is .300 inch (7.62 mm) plus the thickness of the printed board of the circuit card assembly
(see [A-A-59590](#)).

Nominal installation torque. When card holders are used in cold plate applications, the nominal installation torque of
each card holder shall be as follows: 6 inch-pounds (0.68 N-m) for assemblies using no options or option "W" and
7.2 inch-pounds (0.81 N-m) for assemblies using options "E" or "D".



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.070	1.8	.20	5.1	.250	6.4	.325	8.3
.12	3.1	.225	5.7	.270	6.9	.70	17.8

NOTES:

1. Dimensions are in inches. Millimeters are given for general information only.
2. Unless otherwise specified, tolerances are ± 0.02 inch (0.5 mm) for two place decimals and ± 0.010 inch (0.25 mm) for three place decimals.
3. Dimension shall be .20 inch (5.1 mm) maximum on card holders without option "W" or "D" and .30 inch (7.6 mm) maximum on card holders with option "W" or "D".
4. The across flats dimension for hex drive socket shall be .094 inch (2.38 mm) for mounting options "J", "K", "N", "T", "R", "V", and "S". The across flats dimension for hex drive socket shall be a metric dimension of 2.5 mm (.098 inch) across flats for mounting options "G" and "M".

FIGURE 1. Relaxed and expanded dimensions.

TABLE I. Additional assembly dimensions (see [figure 1](#)). 1/

PIN length designator	Dimension "LENGTH" ±.02 (0.5)	Dimension "A" (maximum)		Dimension "B" ±.03 (0.8)	Dimension "C" ±.005 (0.13)
		Without options "W" or "D"	With options "W" or "D"		
18	1.8 (45.7)	2.00 (50.8)	2.10 (53.3)	1.30 (33.0)	.75 (19.1)
23	2.3 (58.4)	2.50 (63.5)	2.60 (66.0)	1.80 (45.7)	.40 (10.2)
28	2.8 (71.1)	3.00 (76.2)	3.10 (78.7)	2.30 (58.4)	.90 (22.9)
30	3.0 (76.2)	3.20 (81.3)	3.30 (83.8)	2.50 (63.5)	1.10 (27.9)
33	3.3 (83.8)	3.50 (88.9)	3.60 (91.4)	2.80 (71.1)	1.40 (35.6)
35	3.5 (88.9)	3.70 (94.0)	3.80 (96.5)	3.00 (76.2)	1.60 (40.6)
38	3.8 (96.5)	4.00 (101.6)	4.10 (104.1)	3.30 (83.8)	1.90 (48.3)
43	4.3 (109.2)	4.50 (114.3)	4.60 (116.8)	3.80 (96.5)	2.40 (61.0)
48	4.8 (121.9)	5.00 (127.0)	5.10 (129.1)	4.30 (109.2)	2.90 (73.7)
53	5.3 (134.6)	5.50 (139.7)	5.60 (142.2)	4.80 (121.9)	3.40 (86.4)
55	5.5 (139.7)	5.70 (144.8)	5.80 (147.3)	5.00 (127.0)	3.60 (91.4)
58	5.8 (147.3)	6.00 (152.4)	6.10 (154.9)	5.30 (134.6)	3.90 (99.1)
61	6.1 (154.9)	6.30 (160.0)	6.40 (162.6)	5.60 (142.2)	4.20 (106.7)
63	6.3 (160.0)	6.50 (165.1)	6.60 (167.6)	5.80 (147.3)	4.40 (111.8)
67	6.7 (170.2)	6.90 (175.3)	7.00 (177.8)	6.20 (157.5)	4.80 (121.9)

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

Finish. The finish designator shall be as specified in [A-A-59590](#). The wedge body finishes available for this CID specification sheet are as follows: "B" (black anodize), "C" (gold chemical film), "E" (electroless nickel), "H" (hard black anodize), and "R" (clear chemical film).

Mounting options. The mounting designators shall be as specified in [A-A-59590](#). The mounting options available for this CID specification sheet are as follows: "J" or "K" (rivet mounting holes), "N" (no mounting holes), "R" or "T" (tapped 0-80 UNF 2B holes), "V" or "S" (tapped 2-56 UNC 2B holes), or "G" or "M" (tapped M2.5 x.45 metric holes). Card holders using mounting option "J" may be shipped unassembled. See [figure 1](#) and [table I](#) for mounting hole spacing requirements.

Mounting holes (when required). Two mounting holes are required on card holders less than 5.30 inches (134.6 mm) in length. Three mounting holes are required on card holders 5.30 inches (134.6 mm) or greater in length. The third mounting hole shall be centered on the mounting body. See [figure 1](#) and [table I](#) for mounting hole locations and spacing requirements.

Rivet mounting holes. The holes used for rivet mounting shall be .066 to .073 inch (1.68 to 1.85 mm) diameter through holes, countersunk 100 degrees by .140 inch (3.56 mm) diameter with an access/clearance counterbore hole of .156 inch (3.96 mm) diameter by .200 inch (5.08 mm) deep.

Rivets. This card holder uses rivet style A as specified in [A-A-59590](#) when rivet mounting is used.

Length, expanded, and relaxed dimensions. The length, expanded, and relaxed dimensions shall be as specified on [figure 1](#). The length designator shall be as specified in [A-A-59590](#) and the available lengths for this specification sheet are listed in [figure 1](#).

Configuration. The configuration of a card holder shall be as specified in [table II](#). The details of a particular configuration consist of those on [figures 1, 2, and 3](#). Card holders not requiring the options described by table II shall leave the configuration position in the PIN blank.

TABLE II. Configurations.

Configuration	Applicable figures	Hardware options
	1	No added options
W	1 and 2	Lockwasher and flat washer
E	1 and 3	Screw self-locking element
D	1, 2, and 3	Lockwasher, flat washer and screw self-locking element

Lockwasher and flat washer (see figure 2). The use of a lockwasher and flat washer located under the screw head will provide for additional resistance to loosening of the card holder assembly from shock and vibration. Card holders requiring a lockwasher and flat washer shall include a configuration suffix "W" in the PIN (see [classification](#) and [notes](#)).

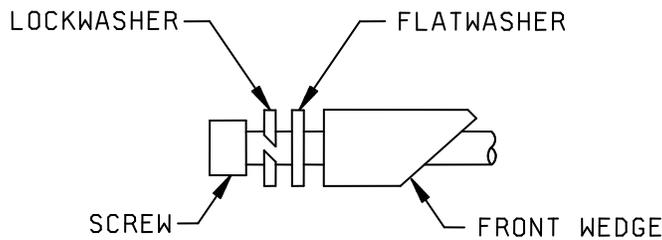


FIGURE 2. Lockwasher and flat washer details.

Screw self-locking element (see figure 3). The use of a screw self-locking element on the screw will provide prevailing torque for increased resistance to loosening of the card holder assembly from shock and vibration. The screw self-locking element shall be as specified in [A-A-59590](#). Card holders requiring a screw self-locking element shall include a configuration suffix "E" in the PIN (see [classification](#) and [notes](#)).

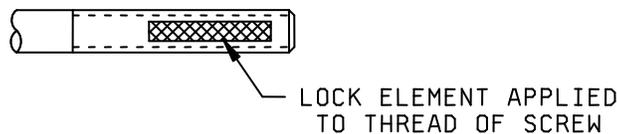


FIGURE 3. Screw self-locking element details.

Lockwasher, flat washer, and screw self-locking element. Card holders requiring a lockwasher, flat washer, and screw self-locking element shall include a configuration suffix "D" in the PIN (see [classification](#) and [notes](#)).

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-59590](#) – Holder, Electrical Card, Wedge Retainers, 3 Piece, Screw Actuated Drive, General Requirements For.

(Copies of these documents are available online at <http://quicksearch.dla.mil> or <https://assist.dla.mil> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

Ordering data. Ordering data shall be as specified in [A-A-59590](#).

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>
18915	Birtcher – A Division of Pentair Electronic Packaging 7328 Trade Street San Diego, CA 92121-3410	Telephone: (858) 740-2400 Toll Free: (800) 854-7086 Facsimile: (858) 679-4555 (URL): www.birtcherproducts.com
61081	Calmark – A Division of Pentair Electronic Packaging 7328 Trade Street San Diego, CA 92121-3410	Telephone: (858) 740-2400 Toll Free: (800) 854-7086 Facsimile: (858) 740-2430 Electronic mail: sales@calmark.com URL: www.calmark.com
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: http://www.accrmfg.com
3E7U8	Wakefield Solutions 200 Towerview Court Cary, NC 27513	Telephone: (919) 469-2004 Facsimile: (919) 469-2827 E-mail: wedgelocks@wakefield.com URL: www.wakefield.com

Part number supersession data. These CID specification sheet part numbers supersede the following manufacturer's part numbers in [table III](#) and on DESC Drawing 84103 ([table IV](#)) as shown. The CID PINs listed in [table III](#) are only for length designator "28". See [table V](#) for CID PIN construction using other available lengths for this specification sheet. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. Commercial part number supersession data.

PIN designator AA59590/04	Vendor similar designator or type part number <u>1/ 2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
BJ28	40-6-B	A225CR2.80H	3225BA-2.80H	426B-280RSB
BN28	40-6-B-A	A225CR2.80	3225BA-2.80	426B-280ASB
BT28	40-6-B-T	A225CR2.80T0	3225BA-2.80T0	426B-280TSB
BV28	40-6-B-S	A225CR2.80T2	3225BA-2.80T2	426B-280SSB
BG28	40-6-B-M	MA225CR2.80TM2.5	3225MBA-2.80TM2.5	426B-280MMB
BJ28E	40-6-B-L	A225CR2.80HL	3225BA-2.80HL	426B-280RSB-P
BN28E	40-6-B-A-L	A225CR2.80L	3225BA-2.80L	426B-280ASB-P
BT28E	40-6-B-T-L	A225CR2.80T0L	3225BA-2.80T0L	426B-280TSB-P
BV28E	40-6-B-S-L	A225CR2.80T2L	3225BA-2.80T2L	426B-280SSB-P
BG28E	40-6-B-M-L	MA225CR2.80TM2.5L	3225MBA-2.80TM2.5L	426B-280MMB-P
BJ28W	40-6-B-LF	WA225CR2.80H	3225WBA-2.80H	426B-280RSB-W
BN28W	40-6-B-LF-A	WA225CR2.80	3225WBA-2.80	426B-280ASB-W
BT28W	40-6-B-LF-T	WA225CR2.80T0	3225WBA-2.80T0	426B-280TSB-W
BV28W	40-6-B-LF-S	WA225CR2.80T2	3225WBA-2.80T2	426B-280SSB-W
BG28W	40-6-B-LF-M	MWA225CR2.80TM2.5	3225MWBA-2.80TM2.5	426B-280MMB-W
BJ28D	40-6-B-LF-L	WA225CR2.80HL	3225WBA-2.80HL	426B-280RSB-WP
BN28D	40-6-B-LF-A-L	WA225CR2.80L	3225WBA-2.80L	426B-280ASB-WP
BT28D	40-6-B-LF-T-L	WA225CR2.80T0L	3225WBA-2.80T0L	426B-280TSB-WP
BV28D	40-6-B-LF-S-L	WA225CR2.80T2L	3225WBA-2.80T2L	426B-280SSB-WP
BG28D	40-6-B-LF-M-L	MWA225CR2.80TM2.5L	3225MWBA-2.80TM2.5L	426B-280MMB-WP
CJ28	40-6	225CR2.80H	3225CG-2.80H	426B-280RSG
CN28	40-6-A	225CR2.80	3225CG-2.80	426B-280ASG
CT28	40-6-T	225CR2.80T0	3225CG-2.80T0	426B-280TSG
CV28	40-6-S	225CR2.80T2	3225CG-2.80T2	426B-280SSG
CG28	40-6-M	M225CR2.80TM2.5	3225MCG-2.80TM2.5	426B-280MMG
CJ28E	40-6-L	225CR2.80HL	3225CG-2.80HL	426B-280RSG-P
CN28E	40-6-A-L	225CR2.80L	3225CG-2.80L	426B-280ASG-P
CT28E	40-6-T-L	225CR2.80T0L	3225CG-2.80T0L	426B-280TSG-P
CV28E	40-6-S-L	225CR2.80T2L	3225CG-2.80T2L	426B-280SSG-P
CG28E	40-6-M-L	M225CR2.80TM2.5L	3225MCG-2.80TM2.5L	426B-280MMG-P

See footnote at end of table.

TABLE III. Commercial part number supersession data – Continued.

PIN designator AA59590/04	Vendor similar designator or type part number <u>1/ 2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
CJ28W	40-6-LF	W225CR2.80H	3225WCG-2.80H	426B-280RSG-W
CN28W	40-6-LF-A	W225CR2.80	3225WCG-2.80	426B-280ASG-W
CT28W	40-6-LF-T	W225CR2.80T0	3225WCG-2.80T0	426B-280TSG-W
CV28W	40-6-LF-S	W225CR2.80T2	3225WCG-2.80T2	426B-280SSG-W
CG28W	40-6-LF-M	MW225CR2.80TM2.5	3225MWCG-2.80TM2.5	426B-280MMG-W
CJ28D	40-6-LF-L	W225CR2.80HL	3225WCG-2.80HL	426B-280RSG-WP
CN28D	40-6-LF-A-L	W225CR2.80L	3225WCG-2.80L	426B-280ASG-WP
CT28D	40-6-LF-T-L	W225CR2.80T0L	3225WCG-2.80T0L	426B-280TSG-WP
CV28D	40-6-LF-S-L	W225CR2.80T2L	3225WCG-2.80T2L	426B-280SSG-WP
CG28D	40-6-LF-M-L	MW225CR2.80TM2.5L	3225MWCG-2.80TM2.5L	426B-280MMG-WP
EJ28	40-6-EN	EN225CR2.80H	3225EN-2.80H	426B-280RSE
EN28	40-6-EN-A	EN225CR2.80	3225EN-2.80	426B-280ASE
ET28	40-6-EN-T	EN225CR2.80T0	3225EN-2.80T0	426B-280TSE
EV28	40-6-EN-S	EN225CR2.80T2	3225EN-2.80T2	426B-280SSE
EG28	40-6-EN-M	MEN225CR2.80TM2.5	3225MEN-2.80TM2.5	426B-280MME
EJ28E	40-6-EN-L	EN225CR2.80HL	3225EN-2.80HL	426B-280RSE-P
EN28E	40-6-EN-A-L	EN225CR2.80L	3225EN-2.80L	426B-280ASE-P
ET28E	40-6-EN-T-L	EN225CR2.80T0L	3225EN-2.80T0L	426B-280TSE-P
EV28E	40-6-EN-S-L	HEN25CR2.80T2L	3225EN-2.80T2L	426B-280SSE-P
EG28E	40-6-EN-M-L	MEN225CR2.80TM2.5L	3225MEN-2.80TM2.5L	426B-280MME-P
EJ28W	40-6-EN-LF	WEN225CR2.80H	3225WEN-2.80H	426B-280RSE-W
EN28W	40-6-EN-LF-A	WEN225CR2.80	3225WEN-2.80	426B-280ASE-W
ET28W	40-6-EN-LF-T	WEN225CR2.80T0	3225WEN-2.80T0	426B-280TSE-W
EV28W	40-6-EN-LF-S	WEN225CR2.80T2	3225WEN-2.80T2	426B-280SSE-W
EG28W	40-6-EN-LF-M	MWEN225CR2.80TM2.5	3225MWEN-2.80TM2.5	426B-280MME-W
EJ28D	40-6-EN-LF-L	WEN225CR2.80HL	3225WEN-2.80HL	426B-280RSE-WP
EN28D	40-6-EN-LF-AL	WEN225CR2.80L	3225WEN-2.80L	426B-280ASE-WP
ET28D	40-6-EN-LF-TL	WEN225CR2.80T0L	3225WEN-2.80T0L	426B-280TSE-WP
EV28D	40-6-EN-LF-SL	WEN225CR2.80T2L	3225WEN-2.80T2L	426B-280SSE-WP
EG28D	40-6-EN-LF-ML	MWEN225CR2.80TM2.5L	3225MWEN-2.80TM2.5L	426B-280MME-WP

See footnote at end of table.

TABLE III. Commercial part number supersession data – Continued.

PIN designator AA59590/04	Vendor similar designator or type part number <u>1/ 2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
HJ28	40-6-B3	HA225CR2.80H	3225BH-2.80H	426B-280RSH
HN28	40-6-B3-A	HA225CR2.80	3225BH-2.80	426B-280ASH
HT28	40-6-B3-T	HA225CR2.80T0	3225BH-2.80T0	426B-280TSH
HV28	40-6-B3-S	HA225CR2.80T2	3225BH-2.80T2	426B-280SSH
HG28	40-6-B3-M	MHA225CR2.80TM2.5	3225MBH-2.80TM2.5	426B-280MMH
HJ28E	40-6-B3-L	HA225CR2.80HL	3225BH-2.80HL	426B-280RSH-P
HN28E	40-6-B3-A-L	HA225CR2.80L	3225BH-2.80L	426B-280ASH-P
HT28E	40-6-B3-T-L	HA225CR2.80T0L	3225BH-2.80T0L	426B-280TSH-P
HV28E	40-6-B3-S-L	HA225CR2.80T2L	3225BH-2.80T2L	426B-280SSH-P
HG28E	40-6-B3-M-L	MHA225CR2.80TM2.5L	3225MBH-2.80TM2.5L	426B-280MMH-P
HJ28W	40-6-B3-LF	WHA225CR2.80H	3225WBH-2.80H	426B-280RSH-W
HN28W	40-6-B3-LF-A	WHA225CR2.80	3225WBH-2.80	426B-280ASH-W
HT28W	40-6-B3-LF-T	WHA225CR2.80T0	3225WBH-2.80T0	426B-280TSH-W
HV28W	40-6-B3-LF-S	WHA225CR2.80T2	3225WBH-2.80T2	426B-280SSH-W
HG28W	40-6-B3-LF-M	MWHA225CR2.80TM2.5	3225MWBH-2.80TM2.5	426B-280MMH-W
HJ28D	40-6-B3-LF-L	WHA225CR2.80HL	3225WBH-2.80HL	426B-280RSH-WP
HN28D	40-6-B3-LF-A-L	WHA225CR2.80L	3225WBH-2.80L	426B-280ASH-WP
HT28D	40-6-B3-LF-T-L	WHA225CR2.80T0L	3225WBH-2.80T0L	426B-280TSH-WP
HV28D	40-6-B3-LF-S-L	WHA225CR2.80T2L	3225WBH-2.80T2L	426B-280SSH-WP
HG28D	40-6-B3-LF-M-L	MWHA225CR2.80TM2.5L	3225MWBH-2.80TM2.5L	426B-280MMH-WP
RJ28	40-6-CC	R225CR2.80H	3225CC-2.80H	426B-280RST
RN28	40-6-CC-A	R225CR2.80	3225CC-2.80	426B-280AST
RT28	40-6-CC-T	R225CR2.80T0	3225CC-2.80T0	426B-280TST
RV28	40-6-CC-S	R225CR2.80T2	3225CC-2.80T2	426B-280SST
RG28	40-6-CC-M	MR225CR2.80TM2.5	3225MCC-2.80TM2.5	426B-280MMT
RJ28E	40-6-CC-L	R225CR2.80HL	3225CC-2.80HL	426B-280RST-P
RN28E	40-6-CC-A-L	R225CR2.80L	3225CC-2.80L	426B-280AST-P
RT28E	40-6-CC-T-L	R225CR2.80T0L	3225CC-2.80T0L	426B-280TST-P
RV28E	40-6-CC-S-L	R225CR2.80T2L	3225CC-2.80T2L	426B-280SST-P
RG28E	40-6-CC-M-L	MR225CR2.80TM2.5L	3225MCC-2.80TM2.5L	426B-280MMT-P

See footnote at end of table.

TABLE III. Commercial part number supersession data – Continued.

PIN designator AA59590/04	Vendor similar designator or type part number <u>1/</u> <u>2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
RJ28W	40VI-6-CC-LF	WVR225CR2.80H	3225WCC-2.80H	426B-280RST-W
RN28W	40VI-6-CC-LF-A	WVR225CR2.80	3225WCC-2.80	426B-280AST-W
RT28W	40VI-6-CC-LF-T	WVR225CR2.80T0	3225WCC-2.80T0	426B-280TST-W
RV28W	40VI-6-CC-LF-S	WVR225CR2.80T2	3225WCC-2.80T2	426B-280SST-W
RG28W	40VI-6-CC-LF-M	MWVR225CR2.80TM2.5	3225MWCC-2.80TM2.5	426B-280MMT-W
RJ28D	40VI-6-CC-LF-L	WVR225CR2.80HL	3225WCC-2.80HL	426B-280RST-WP
RN28D	40VI-6-CC-LF-AL	WVR225CR2.80L	3225WCC-2.80L	426B-280AST-WP
RT28D	40VI-6-CC-LF-TL	WVR225CR2.80T0L	3225WCC-2.80T0L	426B-280TST-WP
RV28D	40VI-6-CC-LF-SL	WVR225CR2.80T2L	3225WCC-2.80T2L	426B-280SST-WP
RG28D	40VI-6-CC-LF-ML	MWVR225CR2.80TM2.5L	3225MWCC-2.80TM2.5L	426B-280MMT-WP

1/ The CID PINs listed are only for length designator "28".

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 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-59590](#).

TABLE IV. Supersession information.

Superseded (old) PIN in accordance with DESC Drawing 84103	Superseding (new) CID PIN	Superseded (old) PIN in accordance with DESC Drawing 84103	Superseding (new) CID PIN
84103-01B	AA59590/04BJ28	84103-01C	AA59590/04CJ28
84103-02B	AA59590/04BJ30	84103-02C	AA59590/04CJ30
84103-03B	AA59590/04BJ35	84103-03C	AA59590/04CJ35
84103-04B	AA59590/04BJ38	84103-04C	AA59590/04CJ38
84103-05B	AA59590/04BJ48	84103-05C	AA59590/04CJ48
84103-06B	AA59590/04BJ53	84103-06C	AA59590/04CJ53
84103-07B	AA59590/04BJ58	84103-07C	AA59590/04CJ58

TABLE V. Example of PIN with available length designators.

PIN designator AA59590/04	Vendor similar designator or type part number ^{1/}			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
EV18W	40-4-N-LF-S	WEN225CR1.80T2	3225WEN-1.80T2	426B-180SSE-W
EV23W	40-5-N-LF-S	WEN225CR2.30T2	3225WEN-2.30T2	426B-230SSE-W
EV28W	40-6-N-LF-S	WEN225CR2.80T2	3225WEN-2.80T2	426B-280SSE-W
EV30W	3/	WEN225CR3.00T2	3225WEN-3.00T2	426B-300SSE-W
EV33W	40-7-N-LF-S	WEN225CR3.30T2	3225WEN-3.30T2	426B-330SSE-W
EV35W	3/	WEN225CR3.50T2	3225WEN-3.50T2	426B-350SSE-W
EV38W	40-8-N-LF-S	WEN225CR3.80T2	3225WEN-3.80T2	426B-380SSE-W
EV43W	40-9-N-LF-S	WEN225CR4.30T2	3225WEN-4.30T2	426B-430SSE-W
EV48W	40-10-N-LF-S	WEN225CR4.80T2	3225WEN-4.80T2	426B-480SSE-W
ES53W	40-11-N-LF-S	WEN225CR5.30ET2	3225WEN-5.30ET2	426B-530SSE-CW
ES55W	3/	WEN225CR5.50ET2	3225WEN-5.50ET2	426B-550SSE-CW
ES58W	40-12-N-LF-S	WEN225CR5.80ET2	3225WEN-5.80ET2	426B-580SSE-CW
ES61W	3/	WEN225CR6.10ET2	3225WEN-6.10ET2	426B-610SSE-CW
ES63W	40-13-N-LF-S	WEN225CR6.30ET2	3225WEN-6.30ET2	426B-630SSE-CW
ES67W		WEN225CR6.70ET2	3225WEN-6.70ET2	426B-670SSE-CW

- ^{1/} 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 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-59590](#).
- ^{2/} Other lengths are available on request.
- ^{3/} Consult manufacturer for part number.

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 5998-2012-044

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>.