

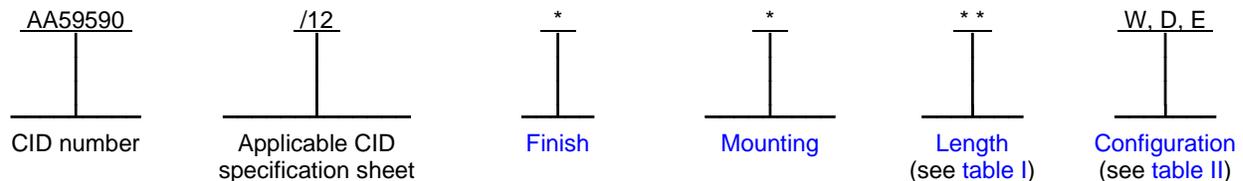
COMMERCIAL ITEM DESCRIPTION
SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, WEDGE RETAINERS, 3 PIECE,
SCREW ACTUATED DRIVE, .240 X .180 INCH BODY SIZE, WITH SCREW RETENTION

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 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: AA59590/12CT48 is the PIN for a chemical film finished, 4.8 inch long card holder with a lock nut on the
screw for captivation. The card holder also features two tapped mounting holes for use with 0-80 UNF fasteners.

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](#).

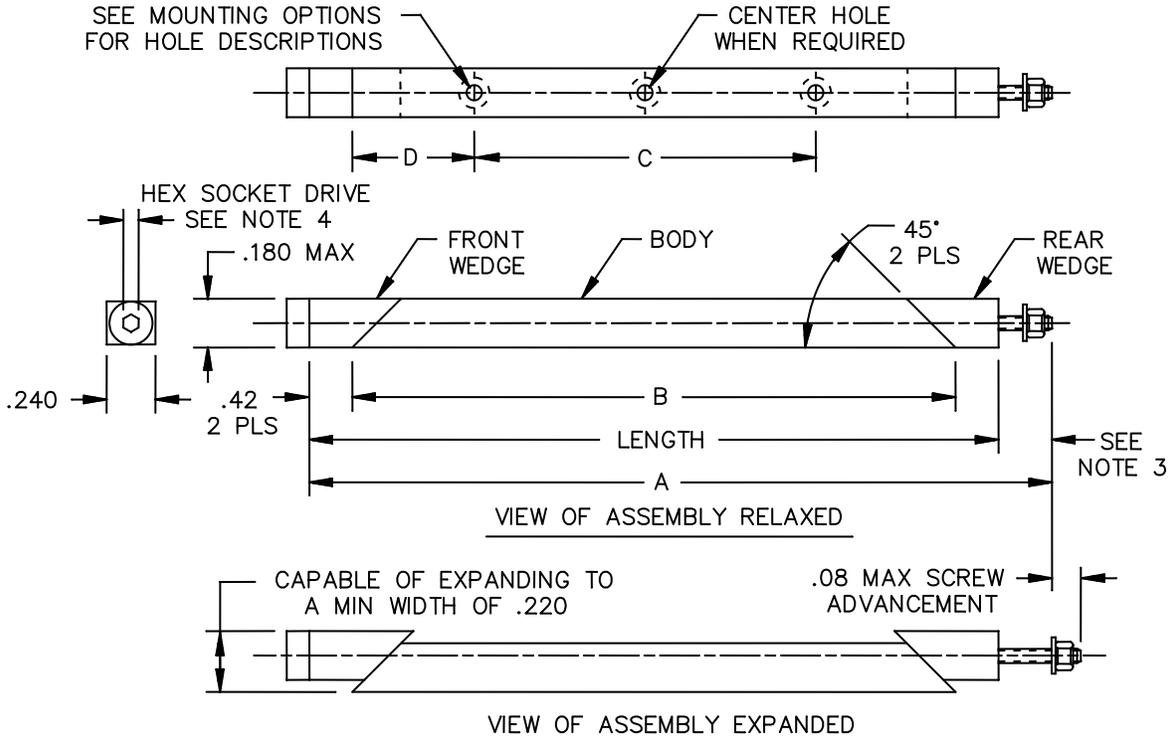
Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified on
[figures 1, 2, 3, 4](#), in [table I](#), and [A-A-59590](#).

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 (.098 inch) for mounting options "G"
and "M".

Screw retention (locknut). The screw retention feature intended to prevent unintentional disassembly of the card
holder shall be as specified in [figure 2](#). The locknut shall be fabricated of a corrosion resistant material.

Nominal installation torque. When card holders are used in cold plate applications, the nominal installation torque of
each card holder shall be 4 to 6 inch-pounds (0.45 to 0.68 N-m).

Cold plate slot width dimensions (when applicable). The recommended cold plate slot width to accommodate the
circuit card assembly with attached card holder is .210 inch (5.33 mm) plus the thickness of the printed board of the
circuit card assembly (see [A-A-59590](#)).



Inches	mm	Inches	mm	Inches	mm
.08	2.0	.220	5.59	.42	10.7
.180	4.57	.240	6.1		

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.

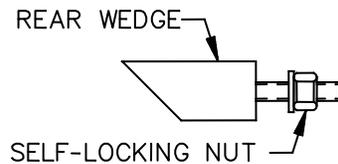


FIGURE 2. Screw retaining self-locking nut (corrosion resistant) details.

Finish. The finish options shall be as specified in [A-A-59590](#). The wedge body finish options available for this 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. The mounting options shall be as specified in [A-A-59590](#). The mounting options available for this specification sheet are as follows: "J" or "K" (rivet mounting holes), "N" (no mounting holes), "T" or "R" (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.

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 .130 to .140 inch (3.30 to 3.56 mm) deep.

Mounting hole locations (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.

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 table I.

TABLE I. Additional assembly dimensions (see [figures 1 and 2](#)). 1/

PIN length designator	Dimension "LENGTH" ±.02 (0.5)	Dimension "A" (maximum)		Dimension "B" ±.02 (0.5)	Dimension "C" ±.005 (0.13)	Dimension "D" ±.01 (0.3)
		Without options "W" or "D"	With options "W" or "D"			
18	1.8 (45.7)	2.10 (53.3)	2.20 (55.9)	.95 (24.1)	.40 (10.2)	.275 (6.99)
23	2.3 (58.4)	2.60 (66.0)	2.70 (68.6)	1.45 (36.8)	.70 (17.8)	.370 (9.39)
28	2.8 (71.1)	3.10 (78.7)	3.20 (81.3)	1.95 (49.5)	.90 (22.9)	.525 (13.3)
30	3.0 (76.2)	3.30 (83.8)	3.40 (86.4)	2.15 (54.6)	1.10 (27.9)	.525 (13.3)
33	3.3 (83.8)	3.60 (91.4)	3.70 (94.0)	2.45 (62.2)	1.40 (35.6)	.525 (13.3)
35	3.5 (88.9)	3.80 (96.5)	3.90 (99.1)	2.65 (67.3)	1.60 (40.6)	.525 (13.3)
38	3.8 (96.5)	4.10 (104.1)	4.20 (106.7)	2.95 (74.9)	1.90 (48.3)	.525 (13.3)
40	4.0 (101.6)	4.30 (109.2)	4.40 (111.8)	3.15 (80.0)	2.10 (53.3)	.525 (13.3)
43	4.3 (109.2)	4.60 (116.8)	4.70 (119.4)	3.45 (87.6)	2.40 (60.9)	.525 (13.3)
45	4.5 (114.x)	4.80 (121.9)	4.90 (124.5)	3.65 (92.7)	2.60 (66.0)	.525 (13.3)
48	4.8 (121.9)	5.10 (129.5)	5.20 (132.1)	3.95 (100.3)	2.90 (73.7)	.525 (13.3)
50	5.0 (127.0)	5.30 (134.6)	5.40 (137.2)	4.15 (105.4)	3.10 (78.7)	.525 (13.3)
53	5.3 (134.6)	5.60 (142.2)	5.70 (144.8)	4.45 (113.0)	3.40 (86.4)	.525 (13.3)
58	5.8 (147.3)	6.10 (154.9)	6.20 (157.5)	4.95 (125.7)	3.90 (99.1)	.525 (13.3)

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

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 and 2, and may include those on figures 3 and 4. 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 and 2	No added options
W	1, 2 and 3	Lockwasher and flat washer
E	1, 2 and 4	Screw self-locking element
D	1, 2, 3 and 4	Lockwasher, flat washer and screw self-locking element

Lockwasher and flat washer (see figure 3). The use of a lockwasher and flat washer located under the screw head will provide additional resistance to loosening of the card holder assembly from shock and vibration. Card holders requiring a lockwasher and flat washer shall include a suffix "W" in the PIN (see table II, classification and notes).

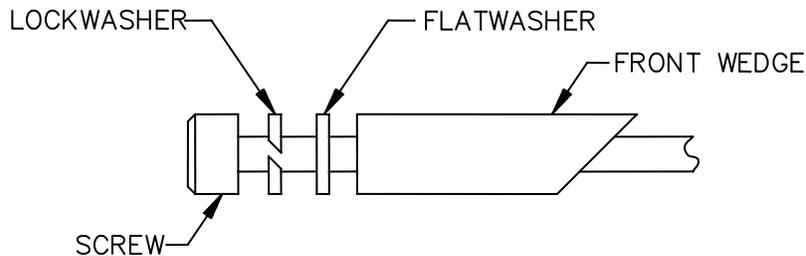


FIGURE 3. Lockwasher and flat washer details.

Screw self-locking element (see figure 4). 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 suffix "E" in the PIN (see table II, classification and notes).

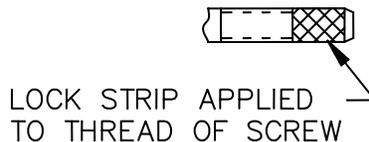


FIGURE 4. Screw self-locking element details.

Lockwasher, flat washer, and screw self-locking element. Card holders requiring a lockwasher, flat washer, and screw self-locking element configuration shall include a suffix "D" in the PIN (see table II, 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 preparation and coordination of this CID specification sheet, 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) 740-2430 (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: 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. This CID specification sheet PINs supersedes the following manufacturer's part numbers as shown in [table III](#). The CID PINs listed in [table III](#) are only for length designator "28". See [table IV](#) 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 AA59590/12	Vendor similar designator or type part number 1/ 2/			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
BJ28	41-6-B-LN	A240-2.80H	3240BA-2.80HR	418B-280RSB-A
BN28	41-6-B-LN-A	A240-2.80	3240BA-2.80R	418B-280ASB-A
BT28	41-6-B-LN-T	A240-2.80T0	3240BA-2.80T0R	418B-280TSB-A
BV28	41-6-B-LN-S	A240-2.80T2	3240BA-2.80T2R	418B-280SSB-A
BG28	41-6-B-LN-M	MA240-2.80TM2.5	3240MBA-2.80TM2.5R	418B-280MMB-A
BJ28W	41-6-B-LF-LN	WA240-2.80H	3240WBA-2.80HR	418B-280RSB-WA
BN28W	41-6-B-LF-LN-A	WA240-2.80	3240WBA-2.80R	418B-280ASB-WA
BT28W	41-6-B-LF-LN-T	WA240-2.80T0	3240WBA-2.80T0R	418B-280TSB-WA
BV28W	41-6-B-LF-LN-S	WA240-2.80T2	3240WBA-2.80T2R	418B-280SSB-WA
BG28W	41-6-B-LF-LN-M	MWA240-2.80TM2.5	3240MWBA-2.80TM2.5R	418B-280MMB-WA
BJ28E	41-6-B-LN-L	A240-2.80HL	3240BA-2.80HLR	418B-280RSB-AP
BN28E	41-6-B-LN-A-L	A240-2.80L	3240BA-2.80LR	418B-280ASB-AP
BT28E	41-6-B-LN-T-L	A240-2.80T0L	3240BA-2.80T0LR	418B-280TSB-AP
BV28E	41-6-B-LN-S-L	A240-2.80T2L	3240BA-2.80T2LR	418B-280SSB-AP
BG28E	41-6-B-LN-M-L	MA240-2.80TM2.5L	3240MBA-2.80TM2.5LR	418B-280MMB-AP
BJ28D	41-6-B-LF-LN-L	WA240-2.80HL	3240WBA-2.80HLR	418B-280RSB-WAP
BN28D	41-6-B-LF-LNAL	WA240-2.80L	3240WBA-2.80LR	418B-280ASB-WAP
BT28D	41-6-B-LF-LNLT	WA240-2.80T0L	3240WBA-2.80T0LR	418B-280TSB-WAP
BV28D	41-6-B-LF-LNSL	WA240-2.80T2L	3240WBA-2.80T2LR	418B-280SSB-WAP
BG28D	41-6-B-LF-LNML	MWA240-2.80TM2.5L	3240MWBA-2.80TM2.5LR	418B-280MMB-WAP
CJ28	41-6-LN	240-2.80HR	3240CG-2.80HR	418B-280RSG-A
CN28	41-6-LN-A	240-2.80R	3240CG-2.80R	418B-280ASG-A
CT28	41-6-LN-T	240-2.80T0R	3240CG-2.80T0R	418B-280TSG-A
CV28	41-6-LN-S	240-2.80T2R	3240CG-2.80T2R	418B-280SSG-A
CG28	41-6-LN-M	M240-2.80TM2.5R	3240MCG-2.80TM2.5R	418B-280MMG-A
CJ28W	41-6-LF-LN	W240-2.80HR	3240WCG-2.80HR	418B-280RSG-WA
CN28W	41-6-LF-LN-A	W240-2.80R	3240WCG-2.80R	418B-280ASG-WA
CT28W	41-6-LF-LN-T	W240-2.80T0R	3240WCG-2.80T0R	418B-280TSG-WA
CV28W	41-6-LF-LN-S	W240-2.80T2R	3240WCG-2.80T2R	418B-280SSG-WA
CG28W	41-6-LF-LN-M	MW240-2.80TM2.5R	3240MWCG-2.80TM2.5R	418B-280MMG-WA

See footnotes at end of table.

TABLE II. Commercial part number supersession data – Continued.

PIN designator AA59590/12	Vendor similar designator or type part number 1/ 2/			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
CJ28E	41-6-LN-L	240-2.80HLR	3240CG-2.80HLR	418B-280RSG-AP
CN28E	41-6-LN-A-L	240-2.80LR	3240CG-2.80LR	418B-280ASG-AP
CT28E	41-6-LN-T-L	240-2.80T0LR	3240CG-2.80T0LR	418B-280TSG-AP
CV28E	41-6-LN-S-L	240-2.80T2LR	3240CG-2.80T2LR	418B-280SSG-AP
CG28E	41-6-LN-M-L	M240-2.80TM2.5LR	3240MCG-2.80TM2.5LR	418B-280MMG-AP
CJ28D	41-6-LF-LN-L	W240-2.80HLR	3240WCG-2.80HLR	418B-280RSG-WAP
CN28D	41-6-LF-LN-A-L	W240-2.80LR	3240WCG-2.80LR	418B-280ASG-WAP
CT28D	41-6-LF-LN-T-L	W240-2.80T0LR	3240WCG-2.80T0LR	418B-280TSG-WAP
CV28D	41-6-LF-LN-S-L	W240-2.80T2LR	3240WCG-2.80T2LR	418B-280SSG-WAP
CG28D	41-6-LF-LN-M-L	MW240-2.80TM2.5LR	3240MWCG-2.80TM2.5LR	418B-280MMG-WAP
EJ28	41-6-EN-LN	EN240-2.80HR	3240EN-2.80HR	418B-280RSE-A
EN28	41-6-EN-LN-A	EN240-2.80R	3240EN-2.80R	418B-280ASE-A
ET28	41-6-EN-LN-T	EN240-2.80T0R	3240EN-2.80T0R	418B-280TSE-A
EV28	41-6-EN-LN-S	EN240-2.80T2R	3240EN-2.80T2R	418B-280SSE-A
EG28	41-6-EN-LN-M	MEN240-2.80TM2.5R	3240MEN-2.80TM2.5R	418B-280MME-A
EJ28W	41-6-EN-LF-LN	WEN240-2.80HR	3240WEN-2.80HR	418B-280RSE-WA
EN28W	41-6-EN-LF-LNA	WEN240-2.80R	3240WEN-2.80R	418B-280ASE-WA
ET28W	41-6-EN-LF-LNT	WEN240-2.80T0R	3240WEN-2.80T0R	418B-280TSE-WA
EV28W	41-6-EN-LF-LNS	WEN240-2.80T2R	3240WEN-2.80T2R	418B-280SSE-WA
EG28W	41-6-EN-LF-LNM	MWEN240-2.80TM2.5R	3240MWEN-2.80TM2.5R	418B-280MME-WA
EJ28E	41-6-EN-LN-L	EN240-2.80HLR	3240EN-2.80HLR	418B-280RSE-AP
EN28E	41-6-EN-LN-A-L	EN240-2.80LR	3240EN-2.80LR	418B-280ASE-AP
ET28E	41-6-EN-LN-T-L	EN240-2.80T0LR	3240EN-2.80T0LR	418B-280TSE-AP
EV28E	41-6-EN-LN-S-L	EN240-2.80T2LR	3240EN-2.80T2LR	418B-280SSE-AP
EG28E	41-6-EN-LN-M-L	MEN240-2.80TM2.5LR	3240MEN-2.80TM2.5LR	418B-280MME-AP
EJ28D	41-6-EN-LF-LNL	WEN240-2.80HLR	3240WEN-2.80HLR	418B-280RSE-WAP
EN28D	41-6-EN-LFLNAL	WEN240-2.80LR	3240WEN-2.80LR	418B-280ASE-WAP
ET28D	41-6-EN-LFLNLT	WEN240-2.80T0LR	3240WEN-2.80T0LR	418B-280TSE-WAP
EV28D	41-6-EN-LFLNSL	WEN240-2.80T2LR	3240WEN-2.80T2LR	418B-280SSE-WAP
EG28D	41-6-EN-LFLNML	MWEN240-2.80TM2.5LR	3240MWEN-2.80TM2.5LR	418B-280MME-WAP

See footnotes at end of table.

TABLE II. Commercial part number supersession data – Continued.

PIN designator AA59590/12	Vendor similar designator or type part number 1/ 2/			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
HJ28	41-6-B3-LN	HA240-2.80HR	3240BH-2.80HR	418B-280RSH-A
HN28	41-6-B3-LN-A	HA240-2.80R	3240BH-2.80R	418B-280ASH-A
HT28	41-6-B3-LN-T	HA240-2.80T0R	3240BH-2.80T0R	418B-280TSH-A
HV28	41-6-B3-LN-S	HA240-2.80T2R	3240BH-2.80T2R	418B-280SSH-A
HG28	41-6-B3-LN-M	MHA240-2.80TM2.5R	3240MBH-2.80TM2.5R	418B-280MMH-A
HJ28W	41-6-B3-LF-LN	WHA240-2.80HR	3240WBH-2.80HR	418B-280RSH-WA
HN28W	41-6-B3-LF-LNA	WHA240-2.80R	3240WBH-2.80R	418B-280ASH-WA
HT28W	41-6-B3-LF-LNT	WHA240-2.80T0R	3240WBH-2.80T0R	418B-280TSH-WA
HV28W	41-6-B3-LF-LNS	WHA240-2.80T2R	3240WBH-2.80T2R	418B-280SSH-WA
HG28W	41-6-B3-LF-LNM	MWHA240-2.80TM2.5R	3240MWBH-2.80TM2.5R	418B-280MMH-WA
HJ28E	41-6-B3-LN-L	HA240-2.80HLR	3240BH-2.80HLR	418B-280RSH-AP
HN28E	41-6-B3-LN-A-L	HA240-2.80LR	3240BH-2.80LR	418B-280ASH-AP
HT28E	41-6-B3-LN-T-L	HA240-2.80T0LR	3240BH-2.80T0LR	418B-280TSH-AP
HV28E	41-6-B3-LN-S-L	HA240-2.80T2LR	3240BH-2.80T2LR	418B-280SSH-AP
HG28E	41-6-B3-LN-M-L	MHA240-2.80TM2.5LR	3240MBH-2.80TM2.5LR	418B-280MMH-AP
HJ28D	41-6-B3-LF-LNL	WHA240-2.80HLR	3240WBH-2.80HLR	418B-280RSH-WAP
HN28D	41-6-B3-LFLNAL	WHA240-2.80LR	3240WBH-2.80LR	418B-280ASH-WAP
HT28D	41-6-B3-LFLNLT	WHA240-2.80T0LR	3240WBH-2.80T0LR	418B-280TSH-WAP
HV28D	41-6-B3-LFLNSL	WHA240-2.80T2LR	3240WBH-2.80T2LR	418B-280SSH-WAP
HG28D	41-6-B3-LFLNML	MWHA240-2.80TM2.5LR	3240MWBH-2.80TM2.5LR	418B-280MMH-WAP
RJ28	41-6-CC-LN	R240-2.80HR	3240CC-2.80HR	418B-280RST-A
RN28	41-6-CC-LN-A	R240-2.80R	3240CC-2.80R	418B-280AST-A
RT28	41-6-CC-LN-T	R240-2.80T0R	3240CC-2.80T0R	418B-280TST-A
RV28	41-6-CC-LN-S	R240-2.80T2R	3240CC-2.80T2R	418B-280SST-A
RG28	41-6-CC-LN-M	MR240-2.80TM2.5R	3240MCC-2.80TM2.5R	418B-280MMT-A
RJ28W	41-6-CC-LF-LN	WR240-2.80HR	3240WCC-2.80HR	418B-280RST-WA
RN28W	41-6-CC-LF-LNA	WR240-2.80R	3240WCC-2.80R	418B-280AST-WA
RT28W	41-6-CC-LF-LNT	WR240-2.80T0R	3240WCC-2.80T0R	418B-280TST-WA
RV28W	41-6-CC-LF-LNS	WR240-2.80T2R	3240WCC-2.80T2R	418B-280SST-WA
RG28W	41-6-CC-LF-LNM	MWR240-2.80TM2.5R	3240MWCC-2.80TM2.5R	418B-280MMT-WA

See footnotes at end of table.

TABLE III. Commercial part number supersession data – Continued.

PIN designator AA59590/12	Vendor similar designator or type part number <u>1/</u> <u>2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
RJ28E	41-6-CC-LN-L	R240-2.80HLR	3240CC-2.80HLR	418B-280RST-AP
RN28E	41-6-CC-LN-A-L	R240-2.80LR	3240CC-2.80LR	418B-280AST-AP
RT28E	41-6-CC-LN-T-L	R240-2.80T0LR	3240CC-2.80T0LR	418B-280TST-AP
RV28E	41-6-CC-LN-S-L	R240-2.80T2LR	3240CC-2.80T2LR	418B-280SST-AP
RG28E	41-6-CC-LN-M-L	MR240-2.80TM2.5LR	3240MCC-2.80TM2.5LR	418B-280MMT-AP
RJ28D	41-6-CC-LF-LNL	WR240-2.80HLR	3240WCC-2.80HLR	418B-280RST-WAP
RN28D	41-6-CC-LFLNAL	WR240-2.80LR	3240WCC-2.80LR	418B-280AST-WAP
RT28D	41-6-CC-LFLNTL	WR240-2.80T0LR	3240WCC-2.80T0LR	418B-280TST-WAP
RV28D	41-6-CC-LFLNSL	WR240-2.80T2LR	3240WCC-2.80T2LR	418B-280SST-WAP
RG28D	41-6-CC-LFLNML	MWR240-2.80TM2.5LR	3240MWCC-2.80TM2.5LR	418B-280MMT-WAP

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. Example of PIN with available length designators.

PIN designator AA59590/12	Vendor similar designator or type part number <u>1/</u> <u>2/</u>			
	CAGE 18915	CAGE 61081	CAGE 5BG68	CAGE 3E7UB
CT18	41-4-LN	240-1191T0R	3240CG-1.80T0R	418B-180TSG-A
CT23	41-5-LN-T	240-2.30T0R	3240CG-2.30T0R	418B-230TSG-A
CT28	41-6-LN-T	240-2.80T0R	3240CG-2.80T0R	418B-280TSG-A
CT30	<u>3/</u>	240-3.00T0R	3240CG-3.00T0R	418B-300TSG-A
CT33	41-7-LN-T	240-3.30T0R	3240CG-3.30T0R	418B-330TSG-A
CT35	<u>3/</u>	240-3.50T0R	3240CG-3.50T0R	418B-350TSG-A
CT38	41-8-LN-T	240-3.80T0R	3240CG-3.80T0R	418B-380TSG-A
CT40	<u>3/</u>	240-4.00T0R	3240CG-4.00T0R	418B-400TSG-A
CT43	41-9-LN-T	240-4.30T0R	3240CG-4.30T0R	418B-430TSG-A
CT45	<u>3/</u>	240-4.50T0R	3240CG-4.50T0R	418B-450TSG-A
CT48	41-10-LN-T	240-4.80T0R	3240CG-4.80T0R	418B-480TSG-A
CT50	<u>3/</u>	240-5.00T0R	3240CG-5.00T0R	418B-500TSG-A
CS53	41-11-LN-T	240-5.30ET0R	3240CG-5.30ET0R	418B-530TSG-CA
CS58	41-12-LN-T	240-5.80ET0R	3240CG-5.80ET0R	418B-580TSG-CA

See footnotes at end of table.

TABLE IV. Example of PIN with available length designators – Continued.

- 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 5998-2012-052

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>.