

[INCH-POUND]
A-A-59789/2B
12 July 2015
SUPERSEDING
A-A-59789/2A
27 April 2010

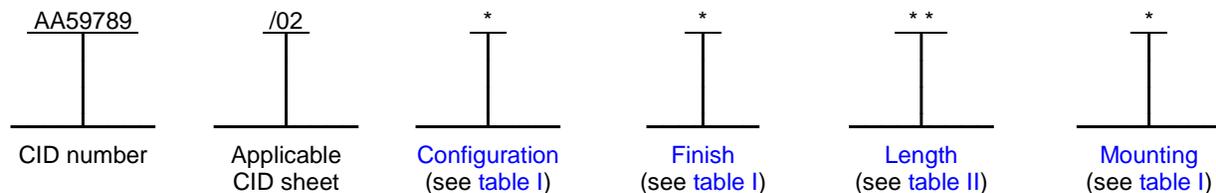
COMMERCIAL ITEM DESCRIPTION SPECIFICATION SHEET

HOLDER, ELECTRICAL CARD, WEDGE RETAINERS, 5 PIECE, FOR COLD PLATE APPLICATIONS,
.225 X .260 INCH BODY SIZE, WEDGE MOUNTING BODY, WITH TWO MOUNTING HOLES AND
VISUAL LOCK INDICATION, WITH SCREW ACTUATION AND 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-59789](#).

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: AA59789/02WB55R is the PIN for a black anodize finished, 5.3 inch (134.6 mm) long card holder with visual lock indication and a retained actuating screw. The card holder also features two mounting holes for rivet fastening.

SALIENT CHARACTERISTICS.

Performance. Card holders shall hold the circuit card firmly in place providing high resistance to shock and vibration while providing maximum thermal transfer.

Interface and physical dimensions. The card holders supplied to this CID specification sheet shall be as specified herein and meet the general requirements specified in CID [A-A-59789](#). Card holders shall have a visual indicator to show when the assembly is in its relaxed (unlocked) and expanded (locked) state. Card holders shall also have a screw retention feature to prevent unintentional disassembly of the card holder.

Material. Unless otherwise specified herein, the card holder materials shall be as specified in [A-A-59789](#).

Actuating screw hex drive socket. The dimension for hex drive socket shall be .094 inch (2.38 mm) across flats for mounting options "S", "R", "P", "U", and "T".

Cold plate slot width. 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-59789](#)).

Installation torque. The recommended nominal installation torque is as follows: 6 inch-pounds (0.68 N-m) for assemblies of configuration "A", "C", "F", or "W" and 7.2 inch-pounds (0.81 N-m) for assemblies of configurations "D", "J", "L", or "N".

AMSC N/A

FSC 5998



Configuration. The configuration of a card holder shall be as specified in [table I](#). The details of a particular configuration consist of those on [figures 1, 2, and 3](#), and may include those on [figures 4 and 5](#). This specification sheet covers two styles of mounting bodies, style A and style C. The differences between the two mounting body styles are detailed in [tables I and II](#) and on [figure 1](#).

TABLE I. [Configurations](#).

Configuration	Mounting body style	Finish options	Mounting options	Applicable figures	Hardware options
A	A	B, C, P, H	S, R, T, P	1, 2, and 3	No hardware options added
C	C	B, C, E, H	S, R, T, U		
F	A	B, C, P, H	S, R, T, P	1, 2, 3, and 4	Lockwasher and flat washer
W	C	B, C, E, H	S, R, T, U		
N	A	B, C, P, H	S, R, T, P	1, 2, 3, and 5	Screw self-lock element
L	C	B, C, E, H	S, R, T, U		
J	A	B, C, P, H	S, R, T, P	1, 2, 3, 4, and 5	Lockwasher, flat washer, and screw self-lock element
D	C	B, C, E, H	S, R, T, U		

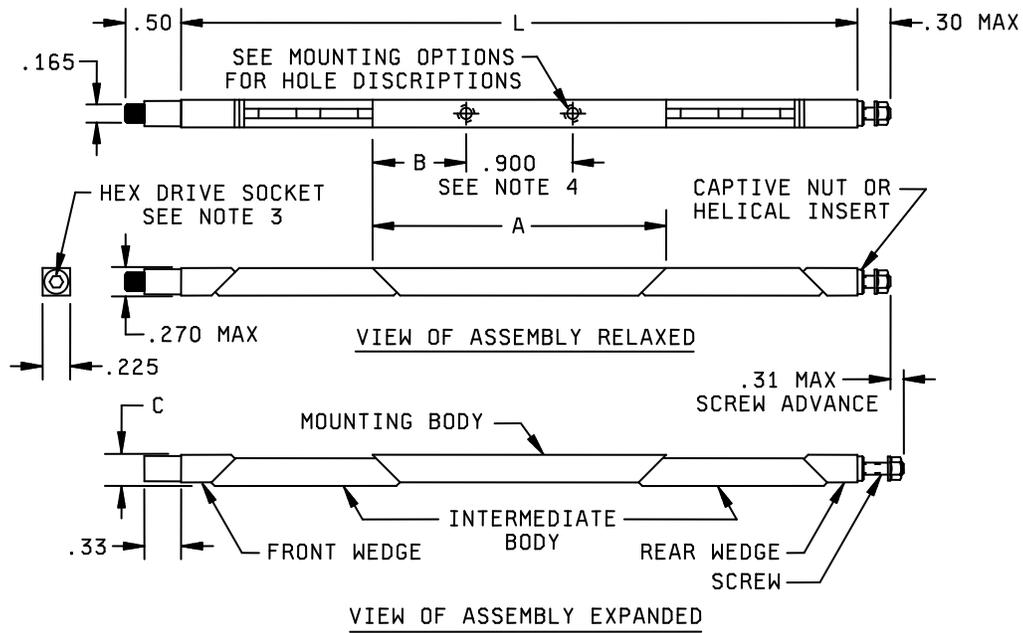
Finish. The finish designator shall be as specified in [A-A-59789](#). The finishes available for this CID specification sheet are as follows: "B" (black anodize), "C" (gold chemical film), "E" (electroless nickel), "P" (electrodeposited nickel), or "H" (hard black anodize). See [table I](#) for the finish options associated with the two mounting body styles.

Length, expanded, and relaxed dimensions. The length designator shall be as specified in [A-A-59789](#) and the lengths available for this CID specification sheet are listed in [table II](#). The length, expanded, and relaxed dimensions shall be as specified on [figure 1](#).

TABLE II. [Additional assembly dimensions](#) (see [figure 1](#)). ^{1/}

PIN length designator	Dimension "L" ± .02 (0.5)	Mounting body style	Dimension "A" ± .01 (0.3)	Dimension "B" ± .02 (0.5)	Dimension "C" minimum
50	4.8 (121.9)	A	1.50 (38.1)	.30 (7.6)	.330 (8.38)
		C	1.60 (40.6)	.35 (8.9)	.325 (8.26)
55	5.3 (134.6)	A	2.00 (50.8)	.55 (14.0)	.330 (8.38)
		C	1.60 (40.6)	.35 (8.9)	.325 (8.26)
60	5.8 (147.3)	A	2.50 (63.5)	.80 (20.3)	.330 (8.38)
		C	1.60 (40.6)	.35 (8.9)	.325 (8.26)
65	6.3 (160.0)	A	3.00 (71.2)	1.05 (26.7)	.330 (8.38)
		C	1.60 (40.6)	.35 (8.9)	.325 (8.26)

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



Inches	mm	Inches	mm	Inches	mm	Inches	mm
.165	4.19	.270	6.86	.31	7.9	.50	12.7
.225	5.72	.30	7.6	.33	8.4	.900	22.86

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. The across flats dimension for hex drive socket shall be .094 inch (2.38 mm).
4. Tolerance for the hole spacing is ± 0.010 inch (0.25 mm) for mounting body style A and ± 0.005 inch (0.51 mm) for mounting body style C.

FIGURE 1. Relaxed and expanded dimensions.

Screw retention locknut (see figure 2). Card holders shall have a screw retention locknut intended to prevent unintentional disassembly of the card holder. The locknut shall be fabricated of a corrosion resistant material.

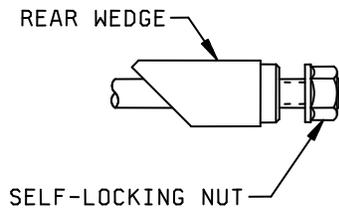


FIGURE 2. Screw retaining self-locking nut (corrosion resistant) details.

Visual lock indicator (see figure 3). Card holders shall have a visual indicator to show when the card holder is in its relaxed (unlocked) state. When the card holder is in the unlocked (relaxed) state, the end of the actuating screw shall display a red band on the side of the screw. When the actuating screw on the card holder has been tightened (assembly expanded) so that the assembly is in the locked position, this red band shall be concealed.

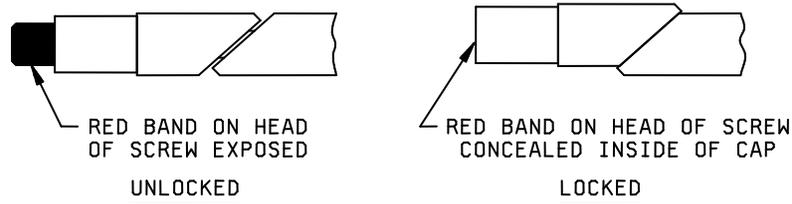


FIGURE 3. Visual lock indicator.

Mounting. The mounting designators shall be as specified in [A-A-59789](#). The mounting options available for this CID specification sheet are as follows: "S" (tapped 2-56 holes), "R" (rivet mount holes with counterbore and countersink), "T" (tapped 0-80 holes), "P" ($\varnothing.062 \times .040$ index pins), or "U" (tapped metric M2 x 0.4 holes). See [figure 1](#) and [table II](#) for mounting hole spacing requirements. See [table I](#) for the mounting options associated with the two mounting body styles. Card holders using mounting option "P" and "R" may be shipped unassembled.

Rivet mount holes. The holes used for rivet mounting shall be .066/.073 inch (1.68/1.85 mm) diameter, countersunk 100 degrees by .140 inch (3.56 mm) diameter through holes with a counterbore 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-59789](#) when rivet mounting is used.

Configuration hardware options. Card holders can have the following options. See [table I](#) for the correct PIN configuration identifier.

Lockwasher and flat washer (see figure 4). A lockwasher and flat washer located under the screw head will provide for additional resistance to loosening from shock and vibration. Card holders requiring a lockwasher and flat washer shall include configuration identifier "F" or "W" in the PIN (see [classification](#) and [notes](#)).

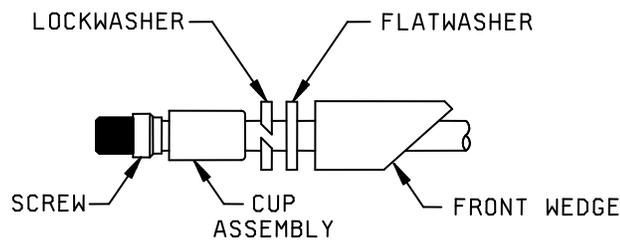


FIGURE 4. Lockwasher and flat washer details.

Screw self-locking element (see figure 5). The use of a screw self-locking element will provide prevailing torque for resistance to loosening of the card holder assembly from shock vibration. The screw self-locking element shall be as specified in [A-A-59789](#). Card holders requiring a screw self-locking element shall include configuration identifier "L" or "N" in the PIN (see [classification](#) and [notes](#)).

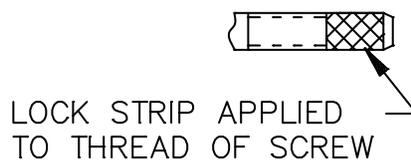


FIGURE 5. Screw self-locking element details.

Lockwasher, flat washer, and screw self-locking element. Card holders requiring a lockwasher, flat washer, and screw self-locking element option shall include configuration identifier "D" or "J" 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-59789](#) – Holder, Electrical Card, Wedge Retainers, 5 Piece, For Cold Plate Applications, General Requirements For.

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

Ordering data. Ordering data shall be as specified in [A-A-59789](#).

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 (1)	Schroff Division of Pentair Equipment and Electronic Protection (formerly Birtcher) 7238 Trade Street San Diego, CA 92121-3410	Telephone: (858) 740-2400 Toll Free: (800) 854-7086 Facsimile: (858) 740-2430 E-mail: schroff.us@pentair.com URL: http://www.pentairprotect.com	
61081 (2)	Schroff Division of Pentair Equipment and Electronic Protection (formerly Calmark) 7328 Trade Street San Diego, CA 92121-3410	Telephone: (858) 740-2400 Toll Free: (800) 854-7086 Facsimile: (858) 740-2430 E-mail: schroff.us@pentair.com URL: http://www.pentairprotect.com	
3E7U8	Wakefield-Vette 2910 Industrial Drive Raleigh, NC 27609-7529	Telephone: (919) 469-2004 Facsimile: (919) 469-2827 E-mail: wedgelocks@wakefield.com URL: www.wakefield-vette.com	

Part number supersession data. These CID specification sheet PINs supersedes the following manufacturer's part numbers as shown in tables III and IV. The CID PINs listed in table III and IV are only for length designator "60". See table IV for CID PIN construction using other available lengths for this CID specification sheet. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. Commercial part number supersession data, mounting body style A.

<u>PIN designator</u> AA59789/02	<u>Vendor similar designator</u> or type part number <u>1/</u> CAGE 61081 <u>2/</u>	<u>PIN designator</u> AA59789/02	<u>Vendor similar designator</u> or type part number <u>1/</u> CAGE 61081 <u>2/</u>
AB60S	40-5VI-11-B-LN	NB60S	40-5VI-12-B-LNL
AB60R	40-5VI-11-B-LN-R	NB60R	40-5VI-12-BLNRL
AB60T	40-5VI-11-B-LN-T	NB60T	40-5VI-12-BLNTL
AB60P	40-5VI-11-B-LN-P	NB60P	40-5VI-12-BLNPL
FB60S	40-5VI-11-B-LF-LN	JB60S	40-5VI-12BLFLNL
FB60R	40-5VI-11-B-LFLNR	JB60R	40-5VI12BLFLNRL
FB60T	40-5VI-11-B-LFLNT	JB60T	40-5VI12BLFLNTL
FB60P	40-5VI-11-B-LFLNP	JB60P	40-5VI12BLFLNPL

See footnotes at end of table.

TABLE III. Commercial part number supersession data, mounting body style A – Continued.

PIN designator AA59789/02	Vendor similar designator or type part number ^{1/} CAGE 61081 ^{2/}	PIN designator AA59789/02	Vendor similar designator or type part number ^{1/} CAGE 61081 ^{2/}
AC60S	40-5VI-12-LN	NC60S	40-5VI-12-LN-L
AC60R	40-5VI-12-LN-R	NC60R	40-5VI-12-LN-RL
AC60T	40-5VI-12-LN-T	NC60T	40-5VI-12-LN-TL
AC60P	40-5VI-12-LN-P	NC60P	40-5VI-12-LN-PL
FC60S	40-5VI-12-LF-LN	JC60S	40-5VI-12-LFLNL
FC60R	40-5VI-12-LFLNR	JC60R	40-5VI-12LFLNRL
FC60T	40-5VI-12-LFLNT	JC60T	40-5VI-12LFLNTL
FC60P	40-5VI-12-LFLNP	JC60P	40-5VI-12LFLNPL
AP60S	40-5VI-12-N-LN	NP60S	40-5VI-12-N-LNL
AP60R	40-5VI-12-N-LNR	NP60R	40-5VI-12-NLNRL
AP60T	40-5VI-12-N-LNT	NP60T	40-5VI-12-NLNTL
AP60P	40-5VI-12-N-LNP	NP60P	40-5VI-12-NLNPL
FP60S	40-5VI-12-NLFLN	JP60S	40-5VI-12NLFLNL
FP60R	40-5VI-12NLFLNR	JP60R	40-5VI12NLFLNRL
FP60T	40-5VI-12NLFLNT	JP60T	40-5VI12NLFLNTL
FP60P	40-5VI-12NLFLNP	JP60P	40-5VI12NLFLNPL
AH60S	40-5VI-12-B3-LN	NH60S	40-5VI-12-B3LNL
AH60R	40-5VI-12-B3LNR	NH60R	40-5VI-12B3LNRL
AH60T	40-5VI-12-B3LNT	NH60T	40-5VI-12B3LNTL
AH60P	40-5VI-12-B3LNP	NH60P	40-5VI-12B3LNPL
FH60S	40-5VI-12B3LFLN	JH60S	40-5VI-12B3LFLNL
FH60R	40-5VI12B3LFLNR	JH60R	405VI12B3LFLNRL
FH60T	40-5VI12B3LFLNT	JH60T	405VI12B3LFLNTL
FH60P	40-5VI12B3LFLNP	JH60P	405VI12B3LFLNPL

^{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-59789](#).

^{2/} CAGE is for 61081 (1).

TABLE IV. Commercial part number supersession data, mounting body style C.

PIN designator AA59789/02	Vendor similar designator or type part number <u>1/</u>		
	CAGE 61081 <u>2/</u>	CAGE 5BG68	CAGE 3E7U8
CB60S	VA226CR5.80T2R	G5225VBA-4.80T2R	426D-580SSB-AV
CB60R	VA226CR5.80HR	G5225VBA-4.80HR	426D-580RSB-AV
CB60T	VA226CR5.80T0R	G5225VBA-4.80T0R	426D-580TSB-AV
CB60U	VA226CR5.80TM2R	G5225VBA-4.80TM2R	426D-580USB-AV
WB60S	WVA226CR5.80T2R	G5225VWBA-4.80T2R	426D-580SSB-WAV
WB60R	WVA226CR5.80HR	G5225VWBA-4.80HR	426D-580RSB-WAV
WB60T	WVA226CR5.80T0R	G5225VWBA-4.80T0R	426D-580TSB-WAV
WB60U	WVA226CR5.80TM2R	G5225VWBA-4.80TM2R	426D-580USB-WAV
LB60S	VA226CR5.80T2LR	G5225VBA-4.80T2LR	426D-580SSB-APV
LB60R	VA226CR5.80HLR	G5225VBA-4.80HLR	426D-580RSB-APV
LB60T	VA226CR5.80T0LR	G5225VBA-4.80T0LR	426D-580TSB-APV
LB60U	VA226CR5.80TM2LR	G5225VBA-4.80TM2LR	426D-580USB-APV
DB60S	WVA226CR5.80T2LR	G5225VWBA-4.80T2LR	426D-580SSB-WAPV
DB60R	WVA226CR5.80HLR	G5225VWBA-4.80HLR	426D-580RSB-WAPV
DB60T	WVA226CR5.80T0LR	G5225VWBA-4.80T0LR	426D-580TSB-WAPV
DB60U	WVA226CR5.80TM2LR	G5225VWBA-4.80TM2LR	426D-580USB-WAPV
CC60S	V226CR5.80T2R	G5225VCG-4.80T2R	426D-580SSG-AV
CC60R	V226CR5.80HR	G5225VCG-4.80HR	426D-580RSG-AV
CC60T	V226CR5.80T0R	G5225VCG-4.80T0R	426D-580TSG-AV
CC60U	V226CR5.80TM2R	G5225VCG-4.80TM2R	426D-580USG-AV
WC60S	WV226CR5.80T2R	G5225VWCG-4.80T2R	426D-580SSG-WAV
WC60R	WV226CR5.80HR	G5225VWCG-4.80HR	426D-580RSG-WAV
WC60T	WV226CR5.80T0R	G5225VWCG-4.80T0R	426D-580TSG-WAV
WC60U	WV226CR5.80TM2R	G5225VWCG-4.80TM2R	426D-580USG-WAV

See footnotes at end of table.

TABLE IV. Commercial part number supersession data, mounting body style C – Continued.

PIN designator AA59789/02	Vendor similar designator or type part number <u>1/</u>		
	CAGE 61081 <u>2/</u>	CAGE 5BG68	CAGE 3E7U8
LC60S	V226CR5.80T2LR	G5225VCG-4.80T2LR	426D-580SSG-APV
LC60R	V226CR5.80HLR	G5225VCG-4.80HLR	426D-580RSG-APV
LC60T	V226CR5.80T0LR	G5225VCG-4.80T0LR	426D-580TSG-APV
LC60U	V226CR5.80TM2LR	G5225VCG-4.80TM2LR	426D-580USG-APV
DC60S	WV226CR5.80T2LR	G5225VWCG-4.80T2LR	426D-580SSG-WAPV
DC60R	WV226CR5.80HLR	G5225VWCG-4.80HLR	426D-580RSG-WAPV
DC60T	WV226CR5.80T0LR	G5225VWCG-4.80T0LR	426D-580TSG-WAPV
DC60U	WV226CR5.80TM2LR	G5225VWCG-4.80TM2LR	426D-580USG-WAPV
CE60S	VEN226CR5.80T2R	G5225VEN-4.80T2R	426D-580SSE-AV
CE60R	VEN226CR5.80HR	G5225VEN-4.80HR	426D-580RSE-AV
CE60T	VEN226CR5.80T0R	G5225VEN-4.80T0R	426D-580TSE-AV
CE60U	VEN226CR5.80TM2R	G5225VEN-4.80TM2R	426D-580USE-AV
WE60S	WVEN226CR5.80T2R	G5225VWEN-4.80T2R	426D-580SSE-WAV
WE60R	WVEN226CR5.80HR	G5225VWEN-4.80HR	426D-580RSE-WAV
WE60T	WVEN226CR5.80T0R	G5225VWEN-4.80T0R	426D-580TSE-WAV
WE60U	WVEN226CR5.80TM2R	G5225VWEN-4.80TM2R	426D-580USE-WAV
LE60S	VEN226CR5.80T2LR	G5225VEN-4.80T2LR	426D-580SSE-APV
LE60R	VEN226CR5.80HLR	G5225VEN-4.80HLR	426D-580RSE-APV
LE60T	VEN226CR5.80T0LR	G5225VEN-4.80T0LR	426D-580TSE-APV
LE60U	VEN226CR5.80TM2LR	G5225VEN-4.80TM2LR	426D-580USE-APV
DE60S	WVEN226CR5.80T2LR	G5225VWEN-4.80T2LR	426D-580SSE-WAPV
DE60R	WVEN226CR5.80HLR	G5225VWEN-4.80HLR	426D-580RSE-WAPV
DE60T	WVEN226CR5.80T0LR	G5225VWEN-4.80T0LR	426D-580TSE-WAPV
DE60U	WVEN226CR5.80TM2LR	G5225VWEN-4.80TM2LR	426D-580USE-WAPV

See footnotes at end of table.

TABLE IV. Commercial part number supersession data, mounting body style C – Continued.

PIN designator AA59789/01	Vendor similar designator or type part number ^{1/}		
	CAGE 61081 ^{2/}	CAGE 5BG68	CAGE 3E7U8
CH60S	VHA226CR5.80T2R	G5225VBH-4.80T2R	426D-580SSH-AV
CH60R	VHA226CR5.80HR	G5225VBH-4.80HR	426D-580RSH-AV
CH60T	VHA226CR5.80T0R	G5225VBH-4.80T0R	426D-580TSH-AV
CH60U	VHA226CR5.80TM2R	G5225VBH-4.80TM2R	426D-580USH-AV
WH60S	WVHA226CR5.80T2R	G5225VWBH-4.80T2R	426D-580SSH-WAV
WH60R	WVHA226CR5.80HR	G5225VWBH-4.80HR	426D-580RSH-WAV
WH60T	WVHA226CR5.80T0R	G5225VWBH-4.80T0R	426D-580TSH-WAV
WH60U	WVHA226CR5.80TM2R	G5225VWBH-4.80TM2R	426D-580USH-WAV
LH60S	VHA226CR5.80T2LR	G5225VBH-4.80T2LR	426D-580SSH-APV
LH60R	VHA226CR5.80HLR	G5225VBH-4.80HLR	426D-580RSH-APV
LH60T	VHA226CR5.80T0LR	G5225VBH-4.80T0LR	426D-580TSH-APV
LH60U	VHA226CR5.80TM2LR	G5225VBH-4.80TM2LR	426D-580USH-APV
DH60S	WVHA226CR5.80T2LR	G5225VWBH-4.80T2LR	426D-580SSH-WAPV
DH60R	WVHA226CR5.80HLR	G5225VWBH-4.80HLR	426D-580RSH-WAPV
DH60T	WVHA226CR5.80T0LR	G5225VWBH-4.80T0LR	426D-580TSH-WAPV
DH60U	WVHA226CR5.80TM2LR	G5225VWBH-4.80TM2LR	426D-580USH-WAPV

^{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-59789](#).

^{2/} CAGE is for [61081 \(2\)](#).

PIN length examples. The CID PINs listed in table V are for all available standard card holder lengths for this specification sheet. However, only one specific finish, mounting and configuration are listed (see PIN example for a break-down of the codes).

TABLE V. Example of PIN with available length designators.

PIN designator AA59789/01	Vendor similar designator or type part number <u>1/</u> <u>2/</u>			
	CAGE 61081 <u>3/</u>	CAGE 61081 <u>4/</u>	CAGE 5BG68	CAGE 3E7U8
FB50R	40-5VI-10BLFLNR			
FB55R	40-5VI-11BLFLNR			
FB60R	40-5VI-12BLFLNR			
FB65R	40-5VI-13BLFLNR			
WB50R		WVA226CR4.80HR	G5225VWBA-4.80HR	426D-480RSB-WAV
WB55R		WVA226CR5.30HR	G5225VWBA-5.30HR	426D-530RSB-WAV
WB60R		WVA226CR5.80HR	G5225VWBA-4.80HR	426D-580RSB-WAV
WB65R		WVA226CR6.30HR	G5225VWBA-6.30HR	426D-630RSB-WAV

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-59789](#).

2/ Other lengths are available on request.

3/ CAGE is for [61081 \(1\)](#).

4/ CAGE is for [61081 \(2\)](#).

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 5998-2015-012

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>.