



**DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
P.O. BOX 3990
COLUMBUS, OHIO 43218-3990**

August 19, 2015

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Drafts of Revisions to: CAGE Code 037Z3, Detailed Drawings 01003A, 01040B, 02003A, and 02004B.
Project Number(s): 5935-2015-E01, E02, E03, and E04

These initial drafts for these subject documents are now available for viewing and downloading from the DLA Land and Maritime-VA Web site:

<http://www.landandmaritime.dla.mil/programs/milspec/>

Major changes to these documents include updates to Title Block Headings, Associated Documents, and Vendor Information.

Please return comments to this Center no later than close of business 30 days from the date of the letter. Any further coordination concerning these documents will be circulated only to firms and organizations that furnish comments or reply that they have an interest. Lack of response to these drafts will be construed as concurrence.

Manufacturers desiring to be listed as a source, which meet the requirements of these drawings, are requested to complete and submit the attached Certificate of Compliance (CoC) along with any comments.

If these documents are of interest to you, please provide your comments or suggested changes. The point of contact for these documents is Mr. Jenkins, phone number 614-692-0560, facsimile transmission, 614-692-6939, e-mail Howard.E.Jenkins@dla.mil, or may be mailed via the US Postal Service to DLA LAND AND MARITIME, ATTN: VAI (Attention: Howard Jenkins), P.O. Box 3990, Columbus, OH 43218-3990.

Attachment: 1 (CoC)

Sincerely,

/ SIGNED /

ABDONASSER M. ABDOUNI
Chief,
Interconnection Branch

SUBJECT: Initial Draft(s) of Revisions to: CAGE Code 037Z3, Detailed Drawings 01003A, 01040B, 02003A, and 02004B.
Project Number(s): 5935-2015-E01, E02, E03, and E04 – **Continued.**

cc:

DLA:

01003, MN 5935-01-483-3909 (John Grable)
01040, MN 5935-01-491-4235 (James Barnes)

MILITARY:

Air Force – 85 (Brad Steiner)

02003, MN 5935-01-548-1386 (Air Force managed, Brad Steiner)
SOS: F01, LOCKHEED MARTIN AERONAUTICAL SYSTEMS MARIETTA,
GA 30063-0659

Navy - SH (Ruth Butler)

02004, MN 5935-01-561-8419 (Navy managed, Ruth Butler)
SOS: NRP, NAVICP-ERP 700 ROBBINS AVENUE PHILADELPHIA, PA
19111-5098

INDUSTRY:

01003: Amphenol Aerospace (Ron Williams)

01040: Amphenol Aerospace; Aero-Electric Connector: (Bobbie Gentile)

02003: Amphenol Aerospace; TE Connectivity (TYCO): (Frank Hungate)

02004: Amphenol Aerospace; TE Connectivity (TYCO)

Distribution List:

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MSARMSTR@TE.COM; BGentile@Q-Markrep.com; bradley.steiner@us.af.mil;
ruth.w.butler.ctr@navy.mil;

REVISIONS

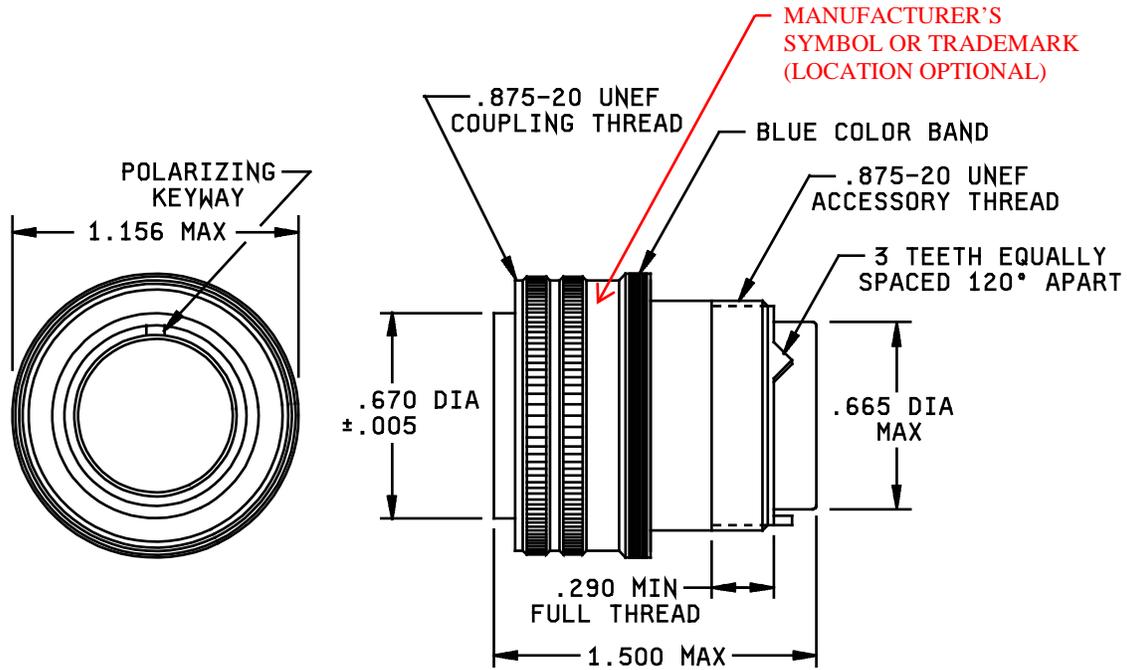
LTR	DESCRIPTION	DATE	APPROVED
A	Updates to Header, Vendor Information, and Assoc. Doc's.	DRAFT	

CURRENT DESIGN ACTIVITY CAGE CODE 037Z3
HAS CHANGED NAMES TO:
DLA LAND AND MARITIME
COLUMBUS, OHIO 43218-5000

Prepared in accordance with ~~MIL-STD-100~~ ASME Y14.100 Source control drawing

REV	A	A	A	A														
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REV STATUS OF PAGES	REV		A	A	A	A												
	PAGE		1	2	3	4												

PMIC S	PREPARED BY Abdo Abdouni	DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO 43216-5000	
Original date of drawing 15 December 2000	CHECKED BY Abdo Abdouni	TITLE CONNECTORS, PLUG, ELECTRICAL, REAR RELEASE, CRIMP CONTACT, AN TYPE	
	APPROVED BY Robert M. Heber		
	SIZE A	CAGE CODE 037Z3	DWG. NO. 01003
	REV A	PAGE 1	OF 4



Inches	mm
.016	0.13
.290	7.37
.665	16.89
.670	17.02
.875	22.23
1.156	29.36
1.500	38.10

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm .016$.
3. ~~MIL-C-5015~~ SAE-AS50151 crimp contact, front and rear release connectors and solder contact connectors are intermateable.
4. Unless otherwise shown, corresponding features of pin and socket contact connectors are identical.
5. Extraction tool M81969/29-01 shall be used to remove contacts that are crimped to MIL-DTL-25038 or ~~MIL-DTL-27500~~ NEMA-WC27500 fire zone wire.
6. For insert arrangements, see MIL-STD-1651.
7. Only contact sizes 16 and 12 are to be used with this connector.
8. For details of connector front and rear end configurations, see ~~MIL-DTL-5045~~ SAE-AS50151.
9. Class K connectors with electroless nickel finish are inactive for new design after 25 April 1974.
10. Class U connectors are inactive for new design after 23 March 1976. Use class L for new design.
11. Metric equivalents are given for information only.

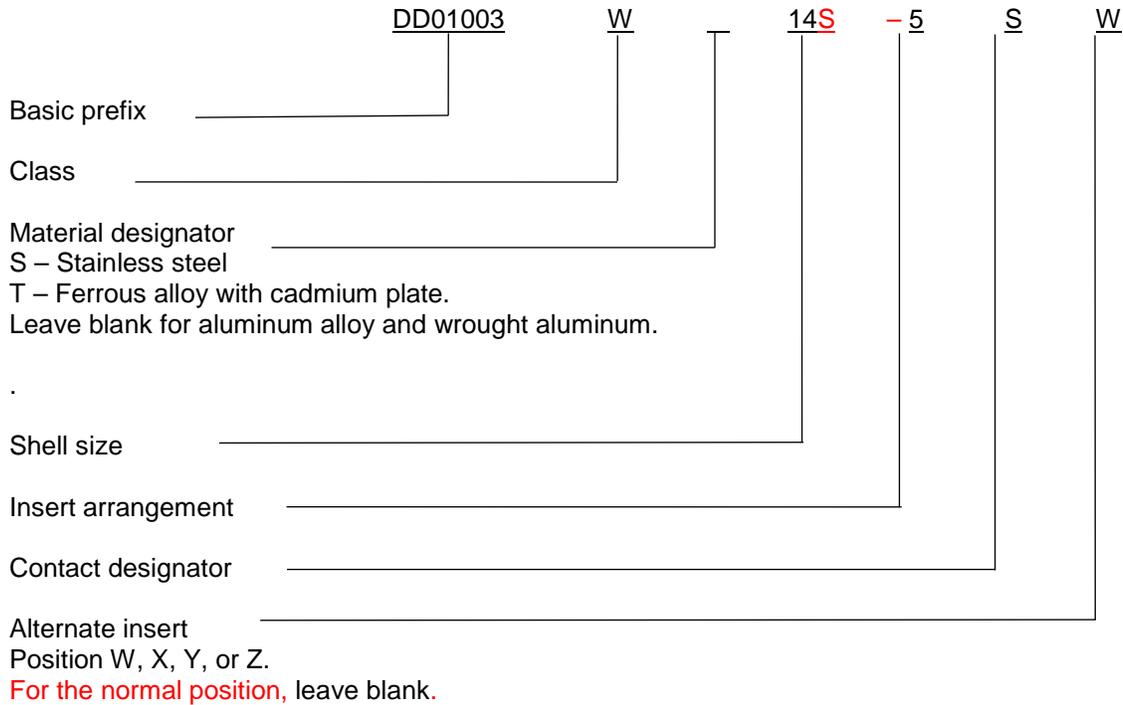
FIGURE 1. General configuration.

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	A	037Z3	01003
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REQUIREMENTS: (~~MS3456~~ SAE-AS34561 is applicable).

Design and construction, electrical, mechanical and environmental requirements shall be in accordance with ~~MIL-DTL-5015~~ SAE-AS50151 and ~~MS3456~~ SAE-AS34561, with the following exception: See figure 1.

Part or Identifying Number (PIN) example (DD01003W14S-5S W):



SOURCE OF DOCUMENTS:

ASME INTERNATIONAL

(Copies of these documents are available online at <http://www.asme.org> or from the ASME International, Three Park Avenue, New York, NY 10016-5990.)

DEPARTMENT OF DEFENSE

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

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

(Copies of these documents are available online at <http://www.nema.org>.)

SAE INTERNATIONAL

(Copies of these documents are available online at <http://standards.sae.org>.)

COMMENTS:

Comments on this drawing should be directed to DLA Land and Maritime - VAI, Post Office Box 3990, Columbus, Ohio ~~43216-5000~~ 43218-3990 or telephone (614) 692-7702, facsimile (614) 692-6939, or submit comments by email to CircularConnector@dla.mil.

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CERTIFICATE OF COMPLIANCE

The certificate of compliance (CoC) submitted to DLA Land and Maritime - VAI, prior to listing as an approved source of supply, shall state that the manufacturer's product meets the requirements stated herein.

APPROVED SOURCES OF SUPPLY:

Approved sources of supply are listed herein. Additional sources will be added as they become available. The vendor listed on the requirements drawing has agreed to this drawing and a certificate of compliance (CoC) has been submitted to DLA Land and Maritime - VAI.

DLA drawing PIN <u>1/</u>	Vendor CAGE number	Vendor similar PIN	Material Number (MN)
DD01003W14S-6S	14238	3456W14S-6S	5935-01-483-3909

1/ Parts must be purchased in accordance with this DLA PIN, to assure that all performance requirements and tests are met.

Vendor CAGE number

14283
OPERATIONS

Vendor name and address

AMPHENOL CORPORATION
AMPHENOL AEROSPACE

180 N. FREEPORT DR W-10
NOGALES, AZ 85621-2423

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