



**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	Add source 59976.	31 March 2005	Richard Taylor
B	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	B	B	B	B															
PAGE	1	3	4	5															
REV STATUS OF PAGES	REV	B	A	B	B	B													
	PAGE	1	2	3	4	5													
PMIC N/A	PREPARED BY Jeffery Tunstall						DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO 43216-5000												
Original date of drawing 13 August 2001	CHECKED BY Abdo Abdouni						TITLE CONNECTORS, PLUG, ELECTRICAL, STRAIGHT, CRIMP TYPE, BAYONET COUPLING, SERIES II												
	APPROVED BY Richard L. Taylor																		
	SIZE A	CAGE CODE 037Z3					DWG. NO.				01040								
		REV	B				PAGE	1		OF	5								

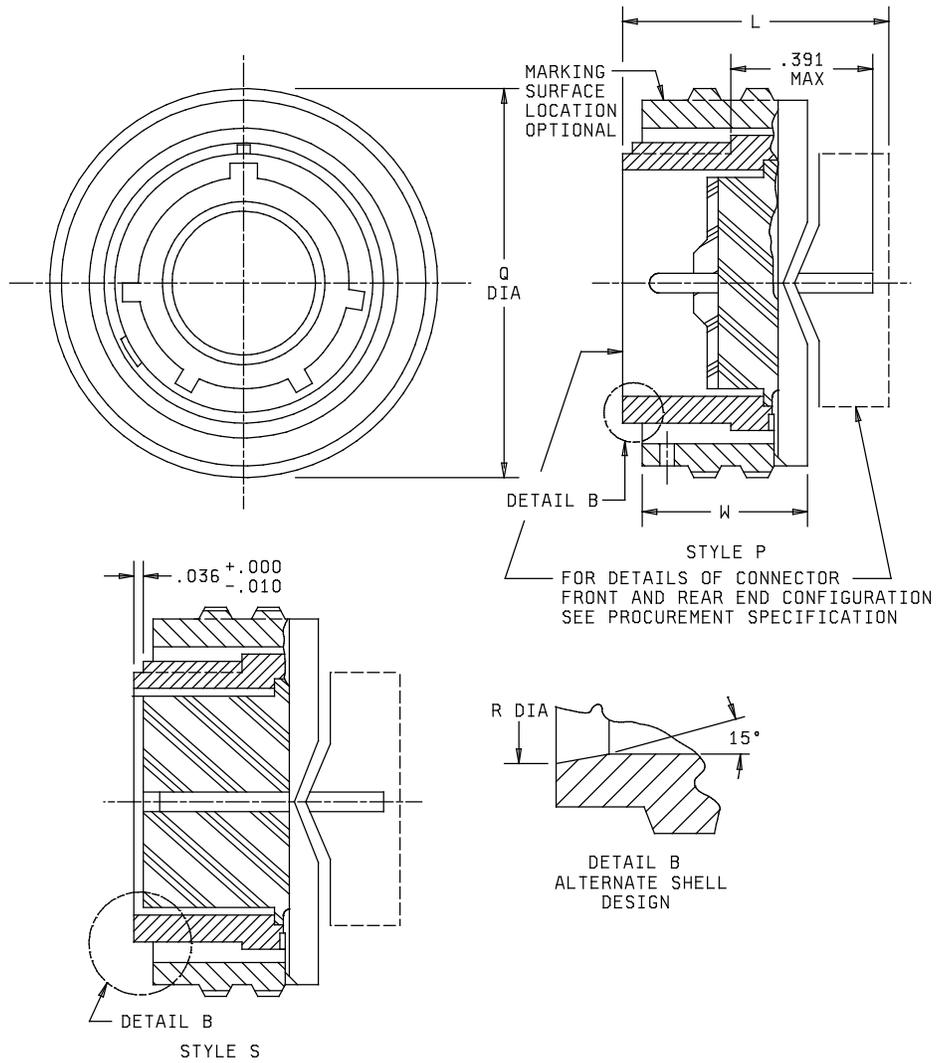


FIGURE 1. General configuration.

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COLUMBUS, OH 43216-5000

SIZE
A

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Shell size	L max <u>5/</u>	Q dia. max	R dia. + .005, -.006	W ± .015
8	.766	.750	.316	.547
10		.859	.436	
12		1.031	.549	
14		1.156	.675	
16		1.281	.799	
18		1.406	.893	
20		1.531	1.018	
22	1.641	1.143		
24	.844	1.766	1.268	.575

Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	0.13	.436	11.07	.766	19.46	1.143	29.03
.006	0.15	.524	13.31	.799	20.29	1.156	29.36
.010	0.25	.547	13.89	.844	21.44	1.268	32.21
.015	0.38	.549	13.94	.859	21.82	1.281	32.54
.036	0.91	.575	14.61	.893	22.68	1.406	35.71
.316	8.03	.675	17.15	1.018	25.86	1.531	38.89
.391	9.93	.750	19.05	1.031	26.19	1.641	41.68
						1.766	44.86

NOTES:

1. Dimensions are in inches.
 2. Metric equivalents are given for information only.
 3. For main key polarization and key positions, see MIL-DTL-38999.
 4. Dimensions and tolerances are in accordance with **ANSI-Y-14.5 ASME Y14.5**.
- 5/ Measured from the front to the end of teeth (projections).**

FIGURE 1. General configuration – Continued.

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REQUIREMENTS: (MS27473 is applicable).

Design and construction, configuration, PIN, electrical, mechanical and environmental requirements shall be in accordance with MS27473 class T, with the following exception: Material shall be stainless steel.

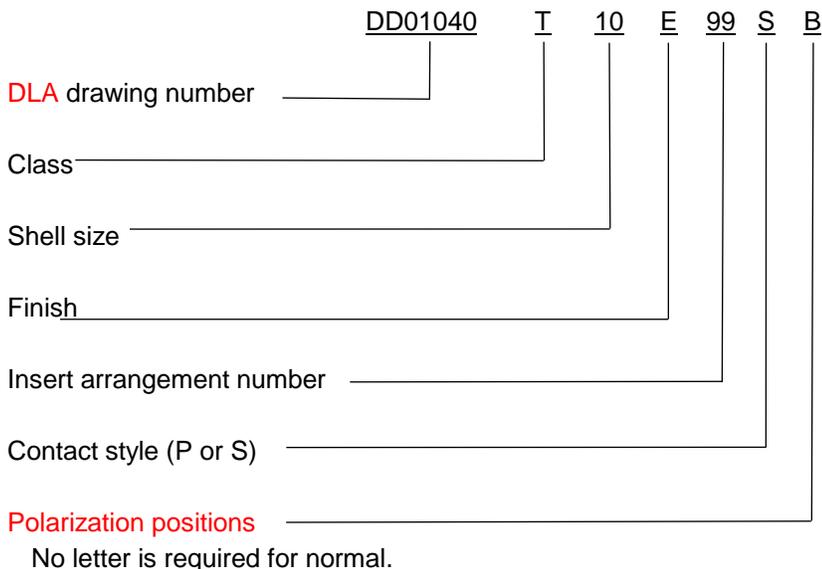
Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

Insert arrangements: See MIL-STD-1560.

Polarization positions: See MIL-DTL-38999, figure 5.

Part or Identifying Number (PIN) example:



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>.)

COMMENTS:

Comments on this drawing should be directed to DLA Land and Maritime - VAI, Post Office Box 3990, Columbus, Ohio 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 below 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)
DD01040T10E99S	77820	10-545977-99S	5935-01-491-4235
	59976	AE273T10E99S	

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

Vendor CAGE number

Vendor name and address

77820

Amphenol Aerospace Corporation
40-60 Delaware Avenue
Sidney, NY 13838-1395

59976

Aero-Electric Connector, Inc.
2280 West 208th Street
Torrance, CA 90501-1472

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