



**DEFENSE LOGISTICS AGENCY**  
DEFENSE SUPPLY CENTER,  
COLUMBUS  
POST OFFICE BOX 3990  
COLUMBUS, OH 43218-3990

IN REPLY  
REFER TO

DSCC-VAI

May 12, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Draft of DSCC Drawing on 01040A, (Connectors, plug, Electrical, straight, crimp type, Bayonet coupling, series II), Project Number 5935-E754.

This initial draft of the subject revision, dated 7 May 2004, is now available for viewing and downloading from the DSCC-VA Web site:

<http://www.dsccl.dla.mil/Programs/MilSpec/DocSearch.asp>

One Major change to this document include:

- Add source: 59976 (Aero-Electric Connector, Inc.)

If this document is of interest to you, provide your comments or suggested changes by e-mail to [Jeffery.tunstall@dlamil](mailto:Jeffery.tunstall@dlamil) or by fax (614) 692-6939.

Comments or suggested changes that are not editorial in nature should include justification. Industrial activities should indicate whether they are commenting from the standpoint of a "user" or "manufacturer" Military review activities should forward their comments to their custodians in sufficient time to allow for consolidating the departmental reply. Military departments must identify their comments as either "Essential" or "Suggested." Essential comments, which must be accepted or withdrawn, should be supported by test data unless they obviously require no data.

Please return comments to this center no later than 45 days from the date of this letter. Any further coordination concerning this document will be circulated only to firms and organizations that furnish comments or reply that they have an interest.

The point of contact for this document is Mr. Jeffery Tunstall, at 614-692-0569/850-0569, or by facsimile 614-692-6939, or by e-mail to: [Jeffery.tunstall@dsccl.dla.mil](mailto:Jeffery.tunstall@dsccl.dla.mil).

Sincerely,

/signed/  
Richard L. Taylor  
Chief,  
Interconnection Devices Team

Cc:  
DSCC-VQP (Richard Marbais)  
DSCC-VSS (Vivian Cox)  
DSCC-CDAB (Dave Barman)

**REVISIONS**

LTR	DESCRIPTION	DATE	APPROVED
A	Add source 59976.	7 May 2004	

This initial draft, "NOT DATED" prepared by DLA-CC, has not been approved and is subject to Modification.  
**DO NOT USE FOR ACQUISITION.**  
 Project # 5935-E754

Prepared in accordance with MIL-STD-100

REV																		
PAGE																		
REV STATUS OF PAGES	REV	A						A										
	PAGE	1	2	3	4	5												

<b>PMIC</b> N/A	<b>PREPARED BY</b> Jeffery Tunstall		<b>DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO 43216-5000</b>																
Original date of drawing  13 August 2001	<b>CHECKED BY</b> Abdo Abdouni		<b>TITLE</b>  CONNECTORS, PLUG, ELECTRICAL, STRAIGHT, CRIMP TYPE, BAYONET COUPLING, SERIES II																
	<b>APPROVED BY</b> Richard L. Taylor																		
	<b>SIZE</b>  A	<b>CAGE CODE</b> 037Z3		<b>DWG. NO.</b>				<b>01040</b>											
	<b>REV</b> A		<b>PAGE</b> 1				<b>OF</b>				<b>5</b>								

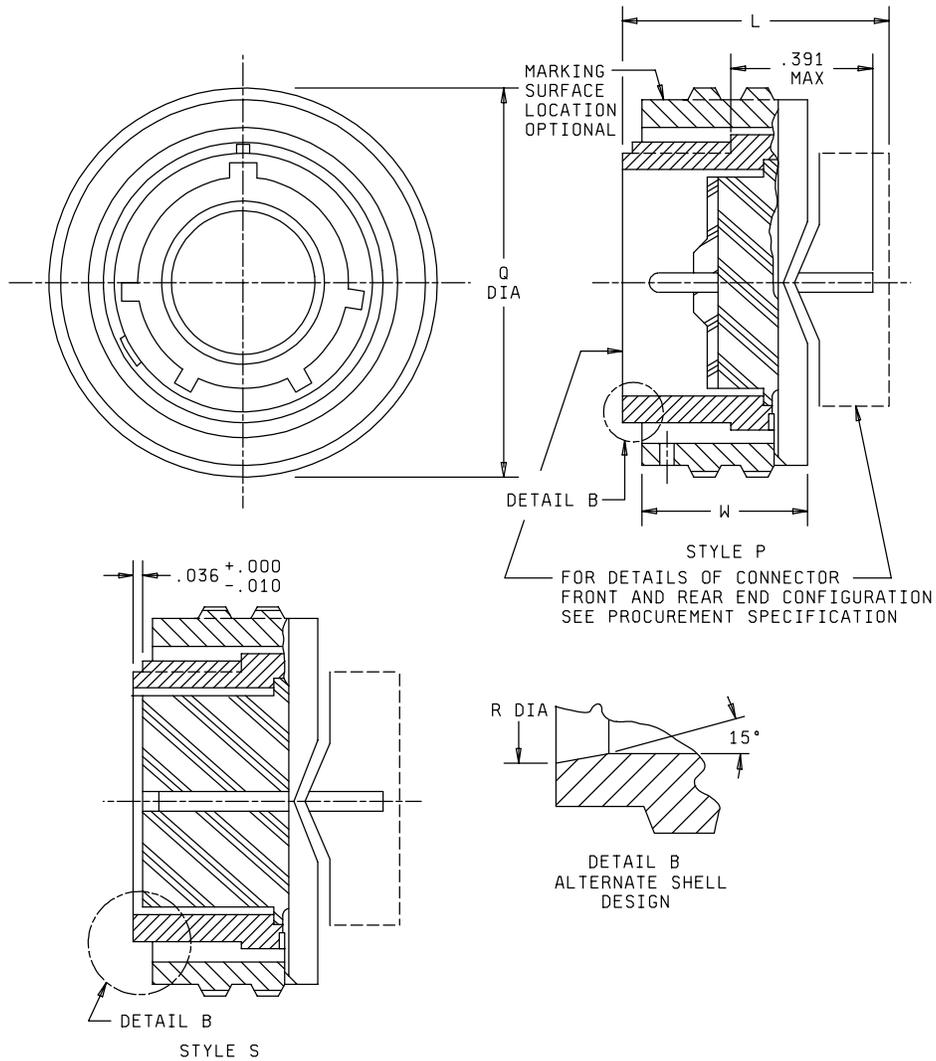


FIGURE 1. General configuration.

<b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OH 43216-5000</b>	SIZE <b>A</b>	CAGE CODE <b>037Z3</b>	DWG NO. <b>01040</b>
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Shell size	L max	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	.13	.436	11.07	.766	19.46	1.143	29.03
.006	.15	.524	13.31	.799	20.29	1.268	32.21
.010	.25	.547	13.89	.844	21.44	1.406	35.71
.015	.38	.549	13.94	.859	21.82	1.531	38.89
.036	.91	.575	14.61	.893	22.68	1.641	41.68
.316	8.03	.675	17.15	1.018	25.86	1.766	44.86
.391	9.93	.750	19.05	1.031	26.19		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general 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.
5. To the end of teeth.

FIGURE 1. General configuration – Continued.

<b>DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OH 43216-5000</b>	SIZE	CAGE CODE	DWG NO.
	<b>A</b>	<b>037Z3</b>	<b>01040</b>
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REQUIREMENTS: (MS27473 is applicable).

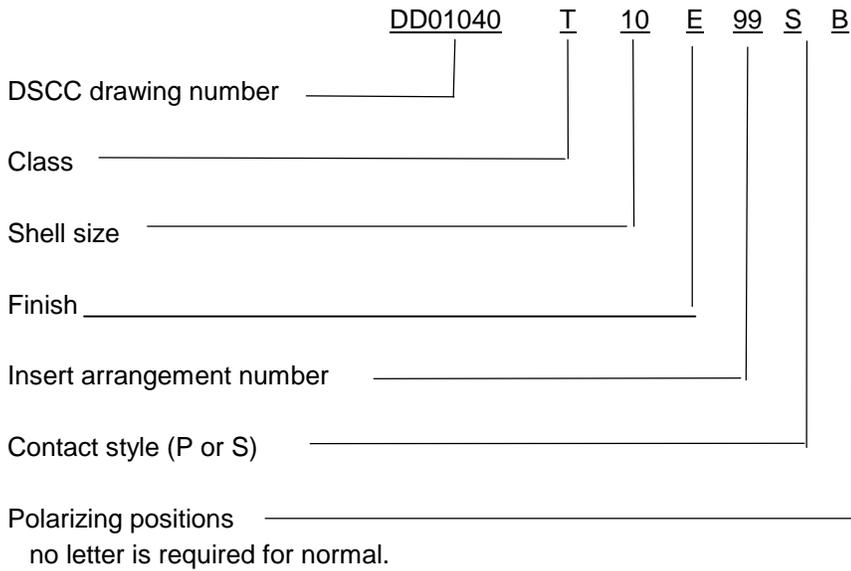
Design and construction, configuration, PIN, electrical, mechanical and environmental requirements shall be in accordance with MS27473 class T, with the following exception: Material shall be stainless steel.

Dimensions and configurations: See figure 1.

Interface dimensions shall conform to MIL-DTL-38999.

Insert arrangements: See MIL-STD-1560.

Part or Identifying Number (PIN) example:



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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 has been submitted to DSCC-VAI.

DSCC drawing PIN	Vendor CAGE number	Vendor similar PIN <u>1/</u>
DD01040T10E99S	77820	10-545977-99S
DD01040T10E99S	59976	AE273T10E99S

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

Vendor CAGE number

77820

59976

Vendor name and address

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

Aero-Electric Connector, Inc.  
548 Amapola Ave  
Torrance, CA 90501

**DEFENSE SUPPLY CENTER, COLUMBUS**  
**COLUMBUS, OH 43216-5000**

SIZE  
**A**

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**01040**

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