

REVISIONS

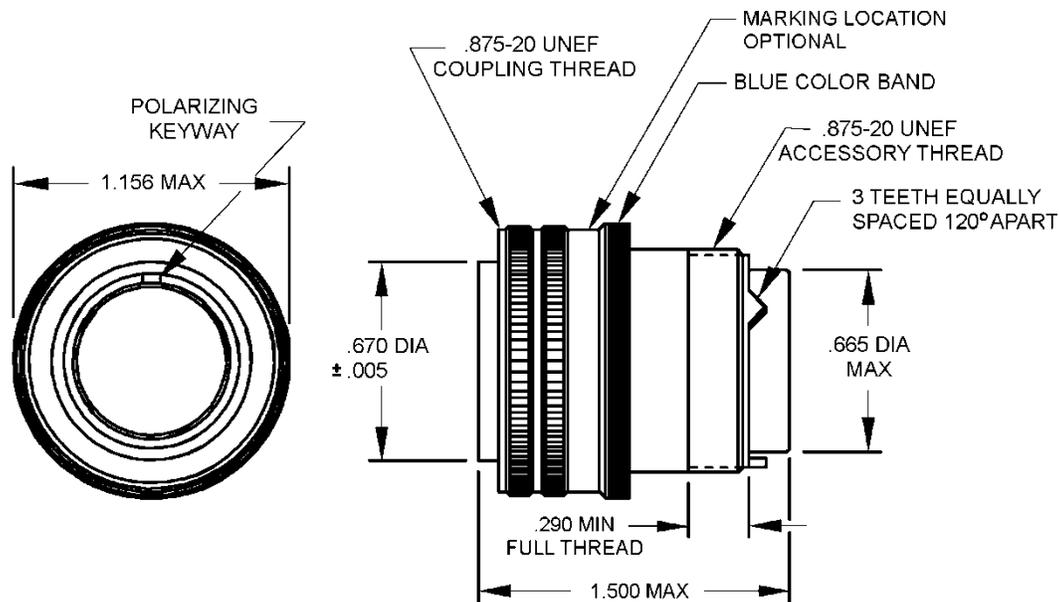
LTR	DESCRIPTION	DATE	APPROVED
A	Updates to header, vendor information, and assoc. doc's.	28 October 2015	Abdo Abdouni

CURRENT DESIGN ACTIVITY CAGE CODE 037Z3 HAS CHANGED NAMES TO: DLA LAND AND MARITIME COLUMBUS, OHIO 43218-3990
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Prepared in accordance with ASME Y14.100

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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										
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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. SAE-AS50151 crimp contact, front and rear release connectors and solder contact connectors are interchangeable.
4. Unless otherwise shown, corresponding features of pin and socket contact connectors are identical.
5. Extraction tool M81969/29-01 (IAW MIL-I-81969/29) shall be used to remove contacts that are crimped to MIL-DTL-25038 or 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 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.

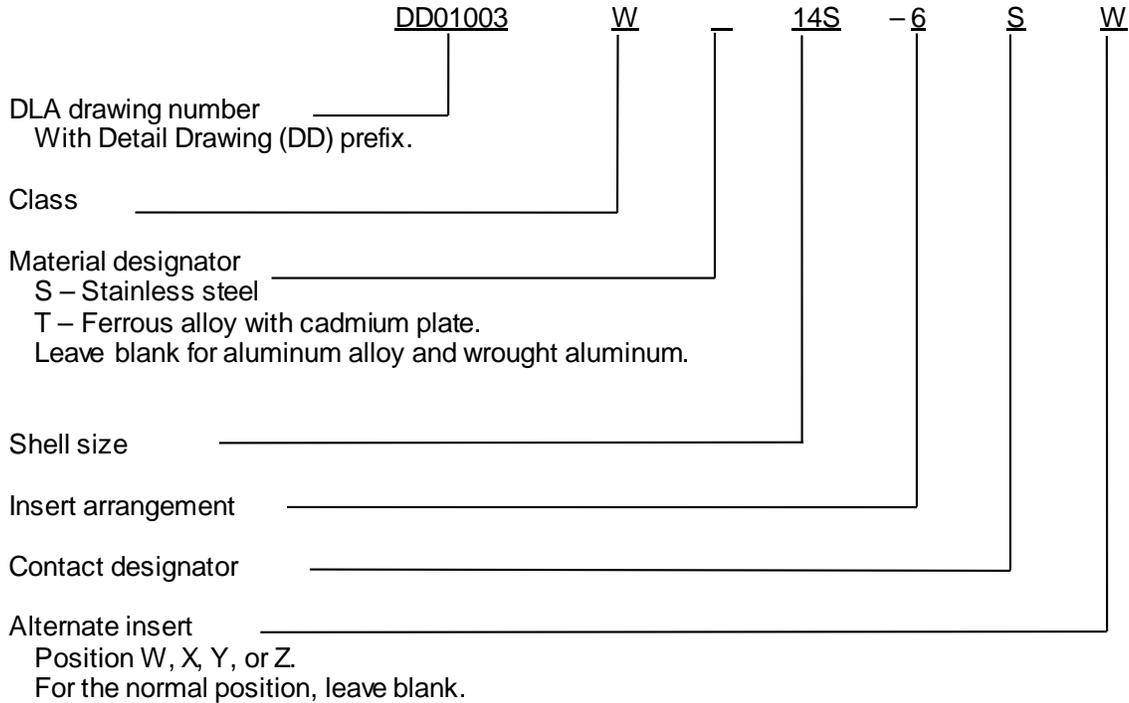
FIGURE 1. General configuration.

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REQUIREMENTS: (SAE-AS34561 is applicable).

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

Part or Identifying Number (PIN) example (DD01003W14S-6SW):



SOURCE OF DOCUMENTS:

ASME INTERNATIONAL

(Copies of this document are available online at <http://www.asme.org>.)

DEPARTMENT OF DEFENSE

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

NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)

(Copies of this document 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 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

Vendor name and address

AMPHENOL CORPORATION
 AMPHENOL AEROSPACE OPERATIONS
 180 N. FREEPORT DR W-10
 NOGALES, AZ 85621-2423

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