

INCH-POUND

A-A-55558

18 January 1995

COMMERCIAL ITEM DESCRIPTION

CONNECTOR, RECEPTACLE, ELECTRICAL, UTILITY POWER, 15 AMP, 125 VOLT, 50/60 HERTZ WITH COVER

The General Services Administration has authorized the use of this commercial item description (CID), for all federal agencies.

1. SCOPE. This CID covers the general requirements for a power receptacle with a cover for wet location applications. Parts covered by this CID are intended for commercial/industrial applications and military system applications that do not have stringent environmental, electrical and mechanical requirements.

2. CLASSIFICATION. This CID uses a classification system which is included in the Part or Identification Number (PIN) (see 6.1).

3. SALIENT CHARACTERISTICS.

3.1 Configuration and dimensions. Configuration and dimensions shall be as specified on figure 1 and table I.

3.2 Receptacle.

General purpose, general grade, duplex, 2 pole, 3 wire, grounding, 15 ampere, 125 volt, 50/60 hertz, NEMA configuration number 5-15R.

Color shall be brown.

Receptacle shall be a qualified connector to W-C-596/12; PIN WC596/12-2.

3.3 Cover.

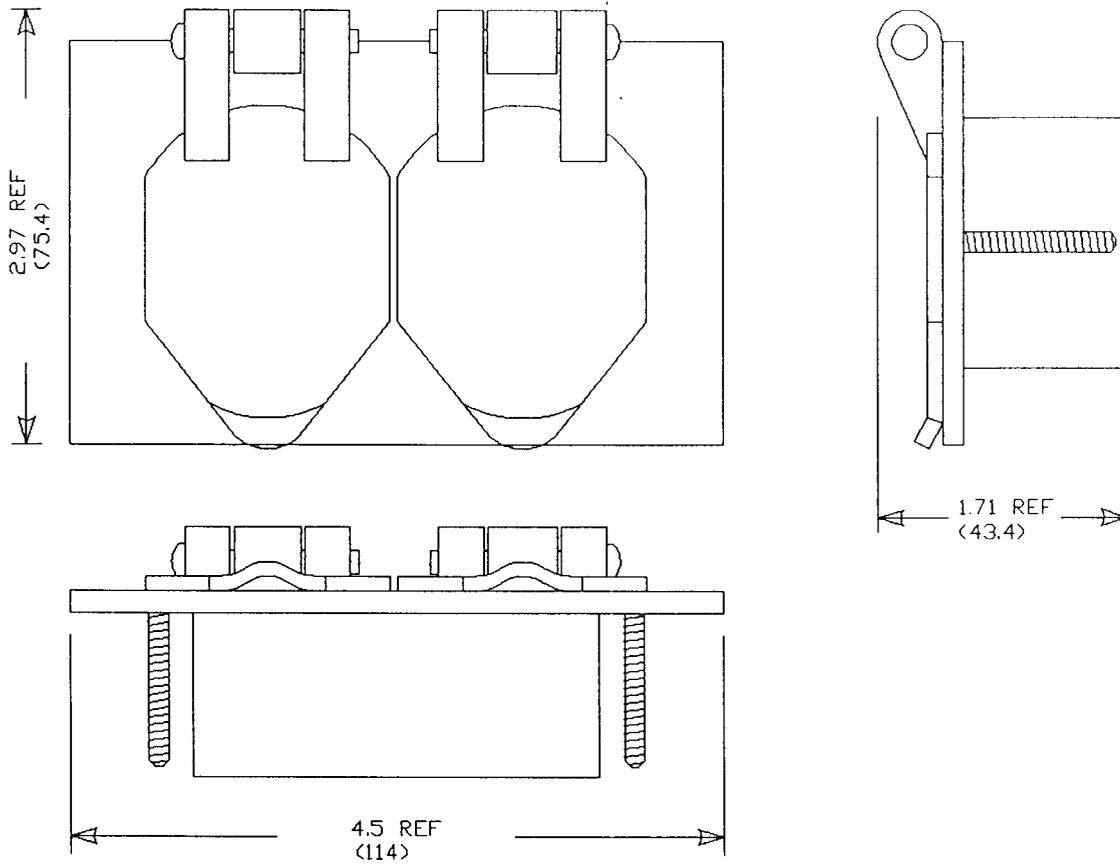
Metallic or Non-metallic, two door, independent self closing, for a standard mounting box, and for horizontal mounting.

Cover plate shall be for wet location applications, with cover "open": in accordance with UL 514A, for metallic type or in accordance with UL 514C for non-metallic type.

3.4 Item of supply.

One item of supply shall be one receptacle, one cover and any related hardware, ie. screws, gaskets, etc. necessary for installation, in one package.

Beneficial comments, recommendations, additions, deletions clarifications, etc. and any other data which may improve this document should be sent to: Defense Electronics Supply Center, ATTN: DESC-ELDI, 1507 Wilmington Pike, Dayton, OH 45444-5765, or telephone (513) 296-5391, or facsimile (FAX) (513) 296-8868.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given in parentheses for general information only.

Figure 1. Configuration and dimensions.

4. QUALITY ASSURANCE PROVISIONS.

4.1 Contractor certification. The contractor shall certify and maintain objective quality evidence that the product offered meets the requirements of this CID, and that the product conforms to the producer's own drawings, specifications, standards, quality assurances practices, and is the same as the product provided as a bid sample, if a bid sample is requested. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

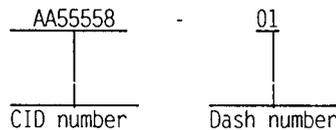
4.2 Certificate of compliance. A certificate of compliance shall be submitted to DESC in order for the contractor to be placed on this document as a suggested source of supply.

5. PACKAGING.

5.1 Preservation, packaging, packing, labeling, and marking. Preservation, packaging, labeling, and marking shall be as specified in the contract or purchase order.

6. NOTES. This section contains relevant information which is useful to buyers, users and suppliers in the process of procuring the item, but is not mandatory.

6.1 Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.



6.2 Referenced documents. The following documents, of the issue in effect on date of invitation for bids for request for proposal, form a part of this CID to the extent specified herein.

6.2.1 Federal Specification

- W-C-596 - Connector, Electrical, Power, General Specification for.
- W-C-596/12 - Connector, Receptacle, Electrical, etc.

(Unless otherwise indicated, copies of federal specifications are available from the Defense Printing Service Detachment Office, Building 4D (Customer Service), 700 Robbins Avenue, Philadelphia, PA 19111-5094.)

6.2.2 Underwriters' Laboratories, Inc., (UL) Standard:

- UL 514A - Box, Metallic Outlet, Standard for.
- UL 514C - Box, Non-metallic Outlet, Flush Device Boxes and Covers.

(Application for copies should be addressed to the Underwriters' Laboratories, Inc., Publication Stock, 333 Pfingsten Road, Northbrook, Illinois 60062.)

6.2.3 National Electrical Manufacturers Association (NEMA) Publications:

- WD 6 - Wiring Devices - Dimensional Requirements.

(Application for copies should be addressed to National Electrical Manufacturers Association, 2101 L Street, N.W., Suite 300, Washington, D.C. 20037.)

6.3 Government users. To acquire information on obtaining these connectors from the Government inventory system, contact Defense Electronics Supply Center, ATTN: DESC-EON, 1507 Wilmington Pike, Dayton, OH 45444-5522, or telephone (513) 296-5009.

6.4 Ordering data. Acquisition documents should specify the following:

- a. CID document number and revision and CID PIN.
- b. Quality assurance provisions.
- c. Packaging requirements.

6.5 Suggested sources of supply. Suggested sources of supply are listed in table I. Additional sources will be added as they become available.

TABLE I. Suggested sources of supply.

CID PIN AA55558-	Vendor's Commercial PIN	Vendor's CAGE number	NSN
01	5262 W/5205W0	12497	5935-00-716-3297
	30501/270B	2H306	
	WR81C	84258	
	5262 W/5205W0	9A329	

Vendor CAGE
number

Vendor name
and address

12497

The John A. Becker Co.
1341 East Fourth St.
Dayton, OH 45402-2235

2H306

Doylestown Electric
3683 Easton Rd.
Doylestown, PA 18901

84258

Avon Electrical Supplies, Inc.
901 Motor Pkwy.
Hauppauge, NY 11788

9A329

Consolidated Electric Supply Co.
Duellman Electric Div.
131 Wayne Ave.
P.O.Box 771
Dayton, OH 45401

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - 7FXE

PREPARING ACTIVITY:

DLA-ES

(Project 5935-D527)