

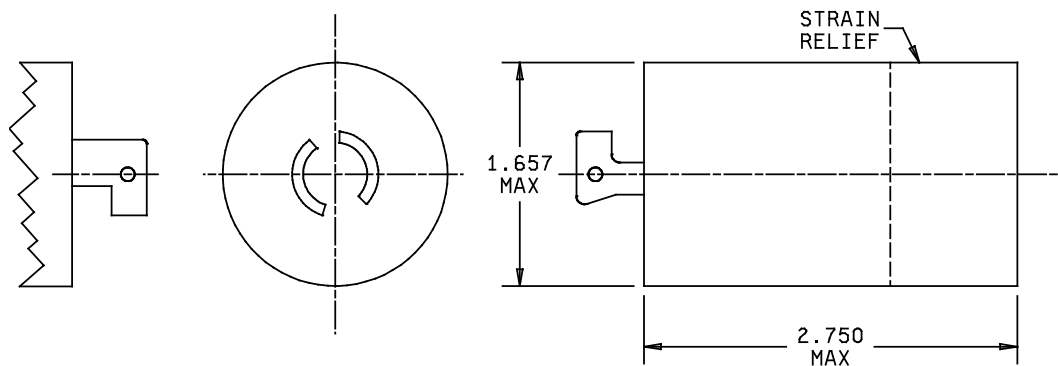
FEDERAL SPECIFICATION SHEET

CONNECTORS, PLUG, ELECTRICAL, SPECIFIC PURPOSE, LOCKING,
GENERAL GRADE, 2 POLE, 2 WIRE, 20 AMPERES, 250 VOLTS, 50/60 HERTZ

The General Services Administration has authorized the use
of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall
consist of this document and the latest issue of W-C-596/GEN.

Inactive for new design after 20 July 2001. For new design, use W-C-596/82.



Inches	mm
1.657	42.09
2.750	69.85

NOTES:

1. The configuration of the external perimeter of the connector body is optional to the extent limited by the dimensions shown on figure 1.
2. Dimensions are in inches.
3. Metric equivalents are given for general information only.
4. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

REQUIREMENTS:

Design and configuration: General grade (see figure 1).

Dimensions: Shall conform to NEMA WD 6, configuration L2–20P.

Rating:

Voltage: 250 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

Mating connector: W-C-596/21.

Strain relief: Accommodate cable diameter .335 -.625 inch (8.51-18.88 mm).

Part or Identifying Number (PIN): WC596/20- (dash number from table I).

Supersession and cross reference: See table II.

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1	J21, J22, J23, J24, J25	Nonpolarized plug
2	J26, J27, J28, J29, J30	Polarized plug

TABLE II. Supersession and cross reference.

Active Government PIN	Supersedes style					
	CAGE <u>1</u> / 74545	CAGE 04009	CAGE 71183	CAGE 81091	CAGE 79409	CAGE 81349
WC596/20- 1	7238	7228	7102 7228 7238 9763	7238 9765	2606	
WC596/20- 2			9102 9103 9764	9103 9766		UP102M M3767/2

1/ CAGE is the Commercial and Government Entity code which is assigned and maintained by the Defense Logistics Information Service (DLIS) in Battle Creek, MI.

Revision notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this revision. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

Referenced documents. In addition to W-C-596, this document references the following:

NEMA WD 6 W-C-596/21

MILITARY INTERESTS:

Custodians

Army - CR
Navy - YD
Air Force - 11
DLA - CC

Review Activities

Army - AV, CR4, MI
Navy - AS, EC, MC, SH
Air Force - 99

CIVIL AGENCY
COORDINATING ACTIVITIES:

DCGOVT - DCG
DOT - ACO
GSA - 7FXE
HHS - FEC
USDA - AFS

Preparing Activity:
DLA - CC

(Project 5935-2017-127)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.