

INCH-POUND

W-C-596/108C
20 January 2012
SUPERSEDING
W-C-596/108B
8 August 2001

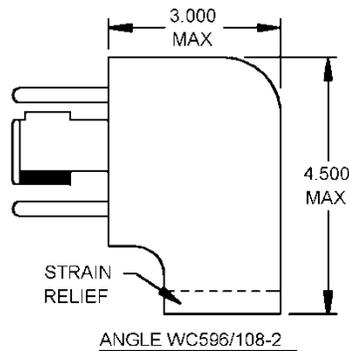
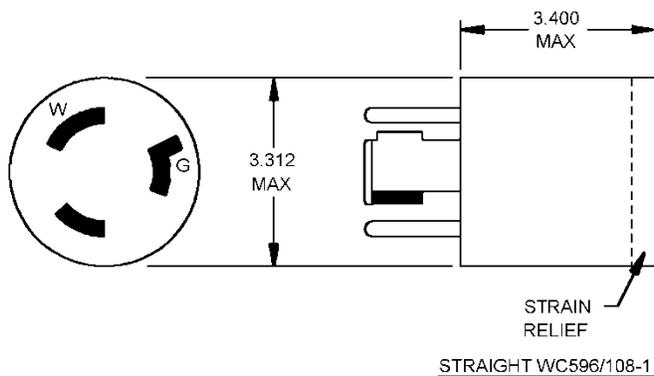
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SPECIAL PURPOSE, GROUNDING, LOCKING,
2 POLE, 3 WIRE, 20 AMPERES, 277 VOLTS, 50/60 HERTZ

Inactive for new design after 20 January 2012.

This specification is approved for use by all
Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this
specification sheet and W-C-596.



Inches	mm
3.000	76.20
3.400	86.36
3.312	84.12
4.500	114.30

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

W-C-596/108C

REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Shall conform to NEMA WD 6, configuration L7-20P.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

Ratings:

Voltage: 277 volts.

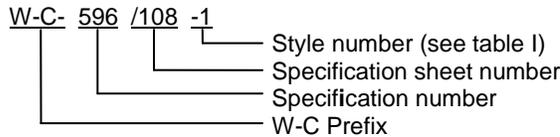
Current: 20 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/107 and W-C-596/109.

Strain relief: Accommodate cable diameter .325 - .655 inches.

Part or Identifying Number (PIN): The PIN consists of the prefix W-C, the basic specification number, the specification sheet number, and the style number.



Supersession and cross reference: See table II.

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1		Straight plug
2		Angle plug

TABLE II. Supersession and cross reference. 1/

Active Government PIN	Superseded Numbers						
	CAGE 75582	CAGE 04009	CAGE 08556	CAGE 71183	CAGE 81091	CAGE 21873	CAGE 74545
W-C-596/108-1		6221 6222			L720-P		2331 2331-CY
W-C-596/108-2							

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

Changes from previous issue. Marginal notations are not used in the revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

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

W-C-596/107
W-C-596/109
NEMA WD 6

MILITARY INTERESTS:

Custodians:
Army - CR
Navy - YD
Air Force - 85
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 5935-2011-140)

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.daps.dla.mil>.