

INCH-POUND

W-C-596/109C  
20 January 2012  
SUPERSEDING  
W-C-596/109B  
8 August 2001

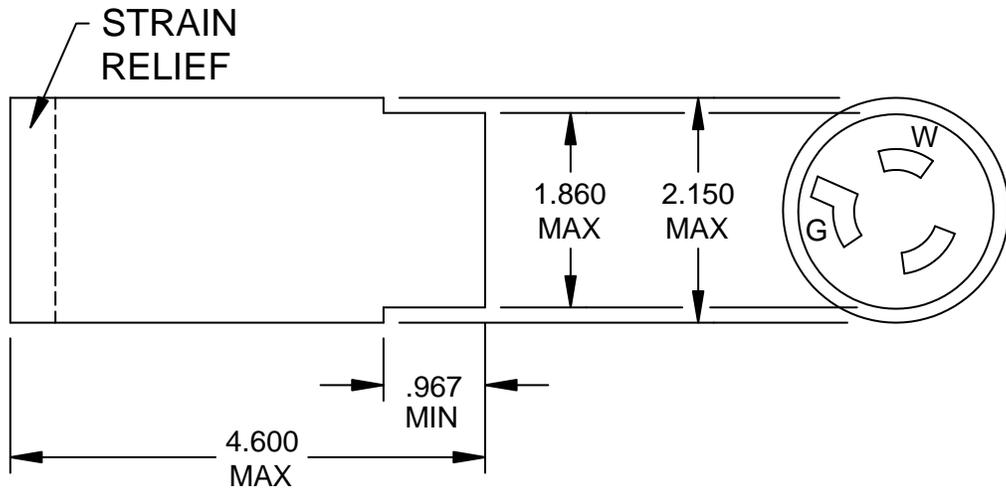
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SPECIAL PURPOSE, CABLE OUTLET, LOCKING,  
GROUNDING, 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
0.967	24.56
1.860	47.24
2.150	54.61
4.300	109.22

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.

REQUIREMENTS:

Design and configuration: See figure 1.

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

Armored construction: Not acceptable.

Ratings:

Voltage: 277 volts.

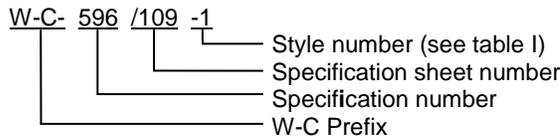
Current: 20 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/108 and W-C-596/110.

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

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		Cable outlet

TABLE II. Supersession and cross reference. 1/

Active Government PIN	Superseded numbers		
	CAGE 74545	CAGE 04009	CAGE 81091
W-C-596/109-1	2333 2333-CY	6223 6224	L720-C

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-596/108
- W-C-596/110
- 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 5935-2011-141)

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>.