

INCH-POUND

W-C-596/105C
20 January 2012
SUPERSEDING
W-C-596/105B
24 September 2001

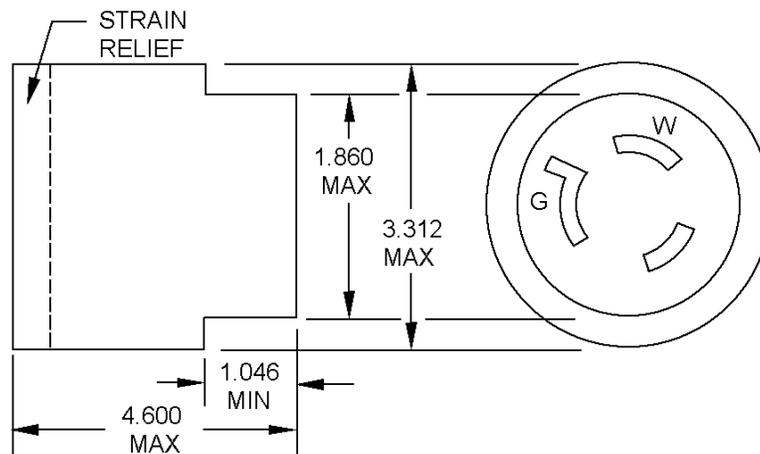
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SPECIAL PURPOSE, CABLE OUTLET, LOCKING,
GROUNDING, 2 POLE, 3 WIRE, 30 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
1.046	26.57
1.860	47.24
3.312	84.12
4.600	116.84

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-596/105C

REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Shall conform to NEMA WD 6, configuration L7-30R.

Armored construction: Not acceptable.

Ratings:

Voltage: 277 volts.

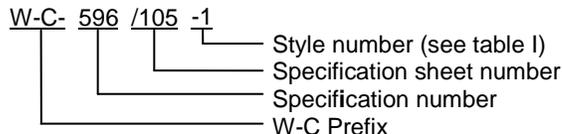
Current: 30 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/104, W-C-596/106.

Strain relief: Accommodate cable diameter .425 - .720 inch (10.80 - 18.29 mm).

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 number	Supersedes style	Description
1		Cable outlet

TABLE II. Supersession and cross reference. 1/

Active Government PIN	Superseded numbers		
	CAGE 74545	CAGE 04009	CAGE 81091
WC596/105-1	2633 2633-CY	6363 6364	L730-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-596/104
- W-C-596/106
- NEMA WD 6

MILITARY INTERESTS:

Custodians:
Army - CR
Navy - YD
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 Air
HHS - FEC
USDA - AFS

Preparing activity:
DLA - CC

(Project 5935-2011-138)

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>.