

INCH-POUND

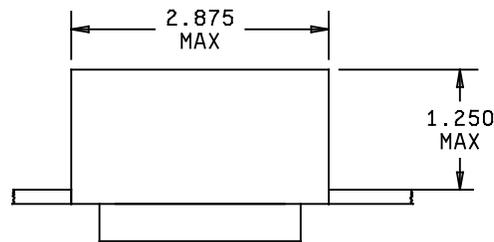
W-C-596/77D  
15 December 2016  
SUPERSEDING  
W-C-596/77C  
20 July 2001

FEDERAL SPECIFICATION SHEET

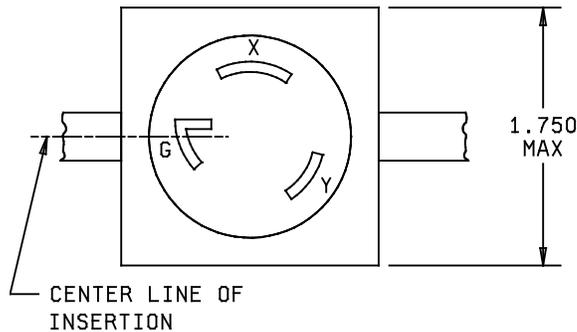
CONNECTOR, RECEPTACLE, ELECTRICAL, SPECIFIC PURPOSE, GENERAL GRADE,  
SINGLE, GROUNDING, LOCKING, 2 POLE, 3 WIRE, 30 AMPERES, 250 VOLTS, 50/60 HERTZ

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.



Inches	mm
1.125	28.58
1.750	44.45
2.875	73.03



NOTES:

1. For mounting dimensions, see W-C-596/GEN (single receptacles with break-off ears).
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.

AMSC N/A

FSC 5935



REQUIREMENTS:

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

Receptacles may have back terminals, side terminals or back and side terminals.

Dimensions: Shall conform to NEMA WD 6, configuration L6-30R.

Rating:

Voltage: 250 volts.

Current: 30 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/78.

Part or Identifying Number (PIN): WC596/77-1.

Supersession and cross reference: See table I.

TABLE I. Supersession and cross reference. 1/

Active Government PIN	Superseded numbers				
	CAGE 71183	CAGE 74545	CAGE 81091	CAGE 04009	CAGE 75582
WC596/77-1	70630-FR	2620	L630R	6340	70630-FR

1/ CAGE is the Commercial and Government Entity code which is assigned and maintained by 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-596/78

MILITARY INTERESTS:

Custodians

Army - CR

Navy - YD

Air Force - 85

DLA - CC

Review Activities

Army - 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 5935-2016-202)

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>.