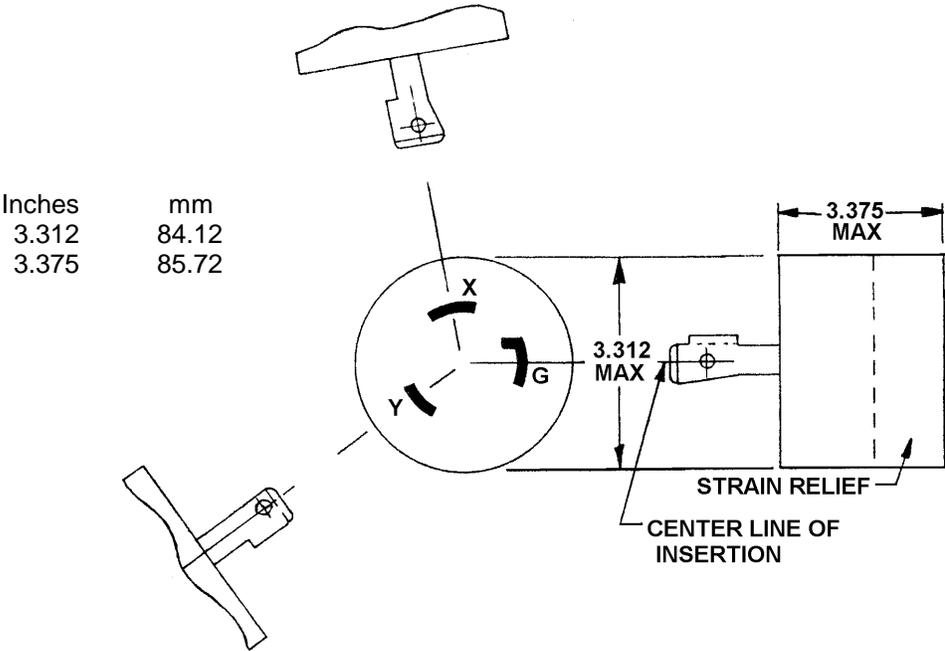


FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SPECIFIC PURPOSE, GENERAL GRADE, LOCKING,  
GROUNDING, 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.



NOTES:

- 1. Dimensions are in inches.
- 2. Metric equivalents are given for general information only.
- 3. Unless otherwise specified, tolerance is  $\pm 0.005$  on all decimals and  $\pm 0.5^\circ$  on angles.
- 4. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

W-C-596/78C

REQUIREMENTS:

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

Dimensions: Shall conform to NEMA WD 6, configuration L6–30P.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

Blade strength: Connectors shall not have wires connected to terminals during test.

Rating:

Voltage: 250 volts.

Current: 30 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/77and W-C-596/79.

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

Part or Identifying Number (PIN): W-C-596/78-1.

Supersession and cross reference: See table I.

TABLE I. Supersession and cross reference.

Active Government PIN	Superseded numbers				
	CAGE <sup>1/</sup> 71183	CAGE 74545	CAGE 81091	CAGE 04009	CAGE 75582
W-C-596/78-1	70630-NP	2621	L630P	6342	70630-P

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

MILITARY INTERESTS:

Custodians

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

Review Activities

Army - AV, MI  
Navy - AS, EC, MC, SH  
Air Force - 19, 99

CIVIL AGENCY  
COORDINATING ACTIVITIES:

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

Preparing Activity:  
DLA - CC

(Project 5935-4305-36)