

INCH-POUND

W-C-596/165B  
19 October 2001  
SUPERSEDING  
W-C-596/165A  
30 April 1992

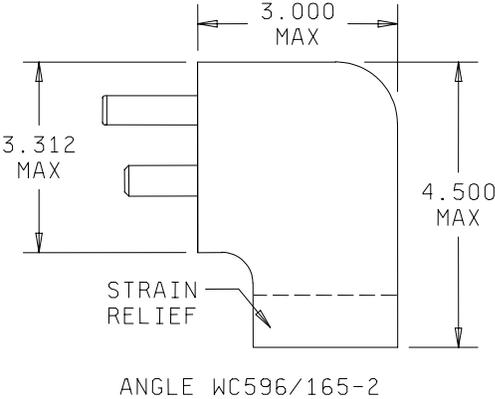
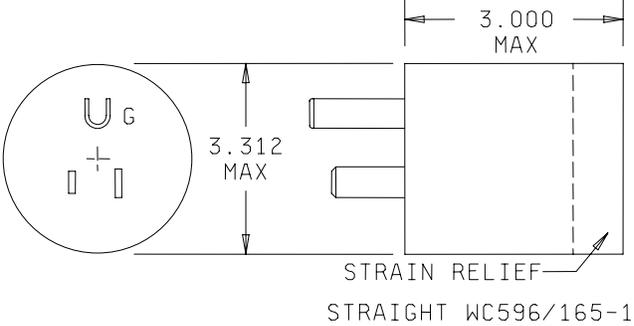
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, GENERAL PURPOSE, GROUNDING,  
2 POLE, 3 WIRE, 50 AMPERES, 250 VOLTS, 50/60 HERTZ

INACTIVE FOR NEW DESIGN

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
3.000	76.20
3.312	84.12
4.500	114.30

NOTES:

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

FIGURE 1. Configuration and dimensions.

W-C-596/165B

REQUIREMENTS:

Design and configuration: See figure 1.

Dimensions: Dimensions shall conform to NEMA WD 6, configuration 6-50P.

Mating face: Dead-front construction.

Armored Construction: Not acceptable.

Ratings:

Voltage: 250 volts.

Current: 50 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/164.

Strain relief: Accommodate cable diameter .830 -1.100 inches (21.08 -27.94 mm).

Part or Identifying Number (PIN): WC596/165- (dash number from table I).

TABLE I. Dash number.

Dash number	Supersedes style	Description
1		Straight plug
2		Angle plug

Supersession and cross reference: See table II.

TABLE II. Supersession and cross reference.

Active Government PIN	Superseded numbers						
	CAGE <u>1/</u> 75582	CAGE 04009	CAGE 08556	CAGE 71183	CAGE 81091	CAGE 41326	CAGE 74545
WC596/165-1		5710 5704	1428	9650-RP 9652-RP	5951 5952	4330	
WC596/165-2	931			9650-ANP			9368

1/ 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 - AR, AV, CR4, 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 5935-4306-18)