

INCH-POUND

W-C-596/52D

12 April 2017

SUPERSEDING

W-C-596/52C

15 December 2016

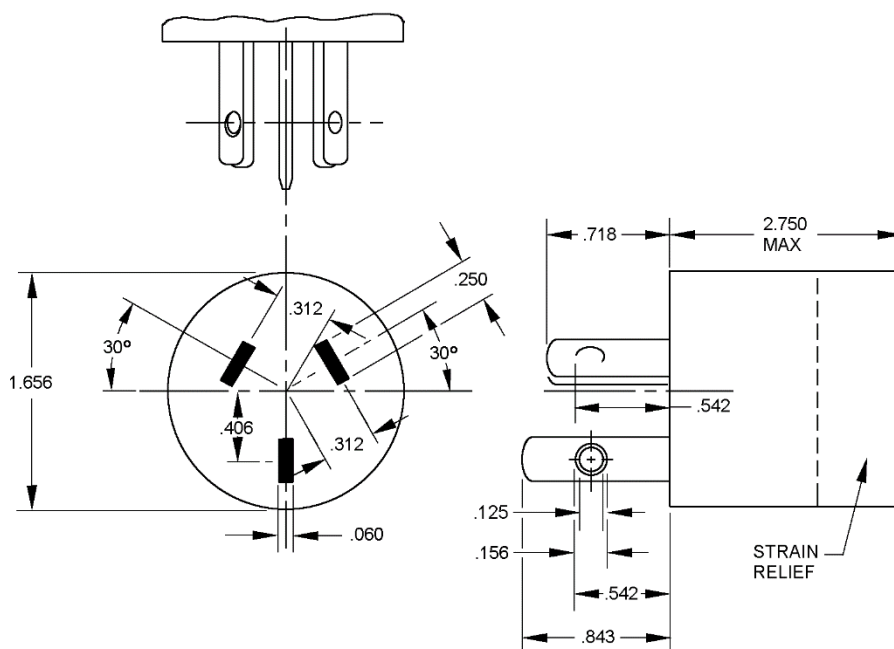
FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, GENERAL PURPOSE, GENERAL GRADE,
3 POLE, 3 WIRE, 15 AMPERES, 125 VOLTS, 10 AMPERES, 250 VOLTS, 50/60 HERTZ

Inactive for new design after 15 February 2017. For new design, use (W-C-596/26).

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 ± 0.005 on all decimals and $\pm 5^\circ$ on angles.
4. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

Inches	mm
.060	1.52
.125	3.18
.156	3.96
.250	6.35
.312	7.92
.406	10.31
.542	13.77
.718	18.24
.843	21.41
1.656	42.06
2.750	69.85



REQUIREMENTS:

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

Rating:

Voltage: 125/250 volts.

Current: 15/10 amperes.

Frequency: 50/60 hertz.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

Strain relief: Accommodate cable diameter .296 -.625 inch (7.52-15.88 mm).

Part or Identifying Number (PIN): WC596/52- (dash number from table I).

Supersession and cross reference: See table II.

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1	E21, E22, E23, E24, E25, E26	Plug

TABLE II. Supersession and cross reference. 1/

Active Government PIN	Superseded part numbers				
	CAGE 74545	CAGE 04009	CAGE 71183	CAGE 77881	CAGE 81091
WC596/52-1	7055 7309 9750 6149	7658 7662 SY	7055 9109 9112 9750	522 557	1407

1/ CAGE is the Commercial and Government Entity code which is assigned and maintained by the 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. This document references W-C-596.

MILITARY INTERESTS:

Custodians

Army - CR
Navy - YD
Air Force - 85
DLA - CC

Review Activities

Army - 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 5935-2017-066)

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>.