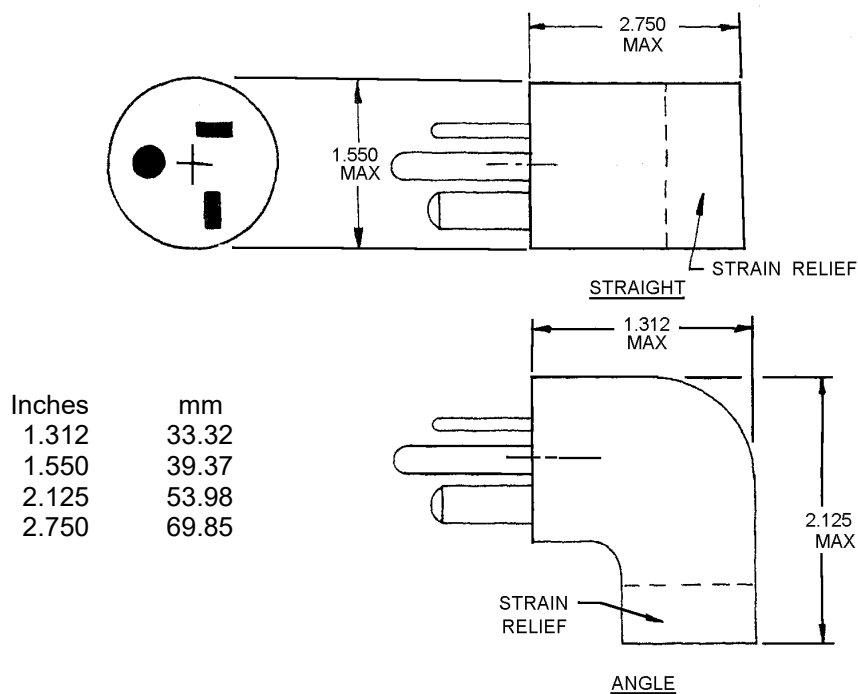


FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, GENERAL PURPOSE, GROUNDING,
HOSPITAL GRADE, 2 POLE, 3 WIRE, 20 AMPERES, 125 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. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.



W-C-596/42F
w/AMENDMENT 1

REQUIREMENTS:

Design and configuration: General grade or hospital grade (see figure1 and table I).

Dimensions: Shall conform to NEMA WD 6, configuration 5-20P.

Ratings:

Voltage: 125/250 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Armored construction: Not acceptable.

Mating face: Dead-front construction.

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

Mating connector: W-C-596/40 or W-C-596/41.

Strain relief: Accommodate cable diameter .325 -.655 inch (8.26-16.64 mm).

Part or Identifying Number (PIN): WC596/42– (dash number from table I).

Supersession and cross reference: See table II.

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1	X21, X23, X26	Straight plug, General grade
2	X21, X23, X26	Angle plug, General grade
3		Straight plug, Hospital grade
4		Angle plug, Hospital grade

W-C-596/42F
w/AMENDMENT 1

TABLE II. Supersession and cross reference. 1/

Active Government PIN	Superseded numbers								
	CAGE 71183	CAGE 79409	CAGE 39317	CAGE 74545	CAGE 71183	CAGE 04009	CAGE 81091	CAGE 73586	CAGE 78556
WC596/42-1	5356 5363	1433	520P	5366 5366-CY 5939 8315-C	5364 5366 5366-N 5366-NCR 5366-NSY	6766	5366 5366-SS	5366-N	
WC596/42-2		14R33		5366-CA 5366-CAT	5395 5395-T	6765	5366-SS-AN		5395
WC596/42-3				8315-C 8315-CT 8319-C 8319-CT	8366-N		5366-HG		
WC596/42-4				8315-CAT			5366-HG-AN		

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-596/40 W-C-596/41

MILITARY INTERESTS:

Military Custodians

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

Review Activities

Army - AV, CR4
Navy - AS, EC, MC

CIVIL AGENCY
COORDINATING ACTIVITIES:

DC-GOVT - DCG
DOT - ACO
GSA - 7FXE
USDA - AFS HHS - FEC

Preparing Activity:
DLA - CC

(Project 5935-2022-051)

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>.