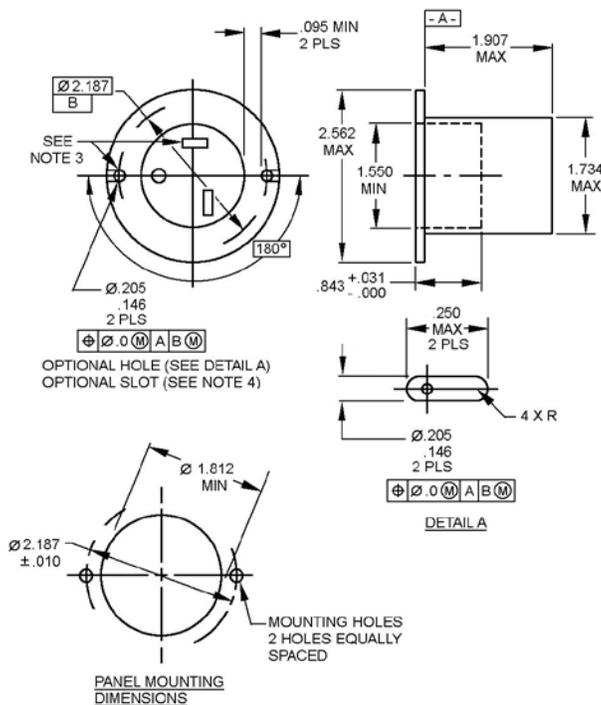


FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, MALE INLET, GENERAL PURPOSE,
 GROUNDING, 2 POLE, 3 WIRE, 20 AMPERES, 125 VOLTS, 50/60 HERTZ

This specification is approved for use by all
 Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this
 specification sheet and W-C-596.



Inches	mm
0.010	0.25
0.031	0.79
0.095	2.41
0.156	3.96
0.205	5.21
0.250	6.35
0.843	21.41
1.550	39.37
1.734	44.04
1.812	46.02
1.907	48.44
2.187	55.55
2.562	65.07

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Angular relation of mounting holes to contact location may be other than as shown.
4. See optional two slot mounting configuration of W-C-596.
5. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configuration and dimensions.

REQUIREMENTS:

Design and configuration: See figure 1.

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

Ratings:

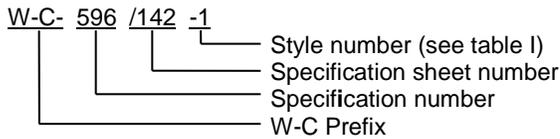
Voltage: 125 volts.

Current: 20 amperes.

Frequency: 50/60 hertz.

Mating connector: W-C-596/143.

Part or Identifying Number (PIN): The PIN consists of the prefix W-C, the basic specification number, the specification sheet number, and the style number.



Supersession and cross reference: See table II.

TABLE I. Dash number. 1/

Dash number	Supersedes style	Description
1	S41, S42	Male inlet

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

TABLE II. Supersession and cross reference. 1/ 2/

Active Government PIN	Superseded numbers		
	CAGE 74545	CAGE 04009	CAGE 81091
WC596/142-1	5378-C	5778	5378-SS

1/ Caution. Do not use these superseded numbers for item acquisition. Items acquired to this number may not satisfy the performance requirements of this drawing.

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

Changes from previous issue. Marginal notations are not used in the revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

Referenced documents. In addition to W-C-596, this document references the following:

- W-C-596/143
- NEMA WD 6

MILITARY INTERESTS:

Custodians:

Army - CR
Navy - YD
Air Force - 85
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 5935-2012-118)

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.daps.dla.mil>.