

INCH-POUND

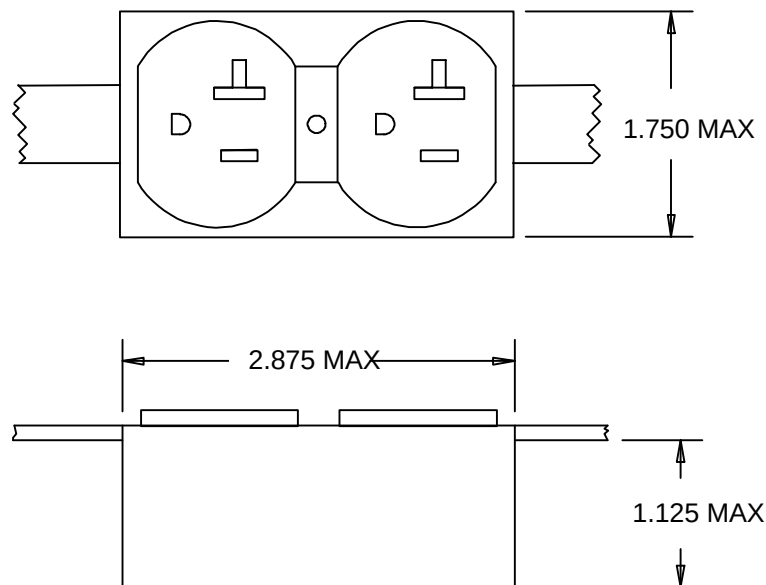
W-C-596/40D
30 August 2000
SUPERSEDING
W-C-596/40C
5 June 1992

FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, GENERAL PURPOSE, DUPLEX,
GENERAL GRADE AND HOSPITAL GRADE, GROUNDING, 2 POLE, 3 WIRE,
20 AMPERES, 125 VOLTS, 50/60 HERTZ, BOX MOUNT AND SNAP-IN MOUNT

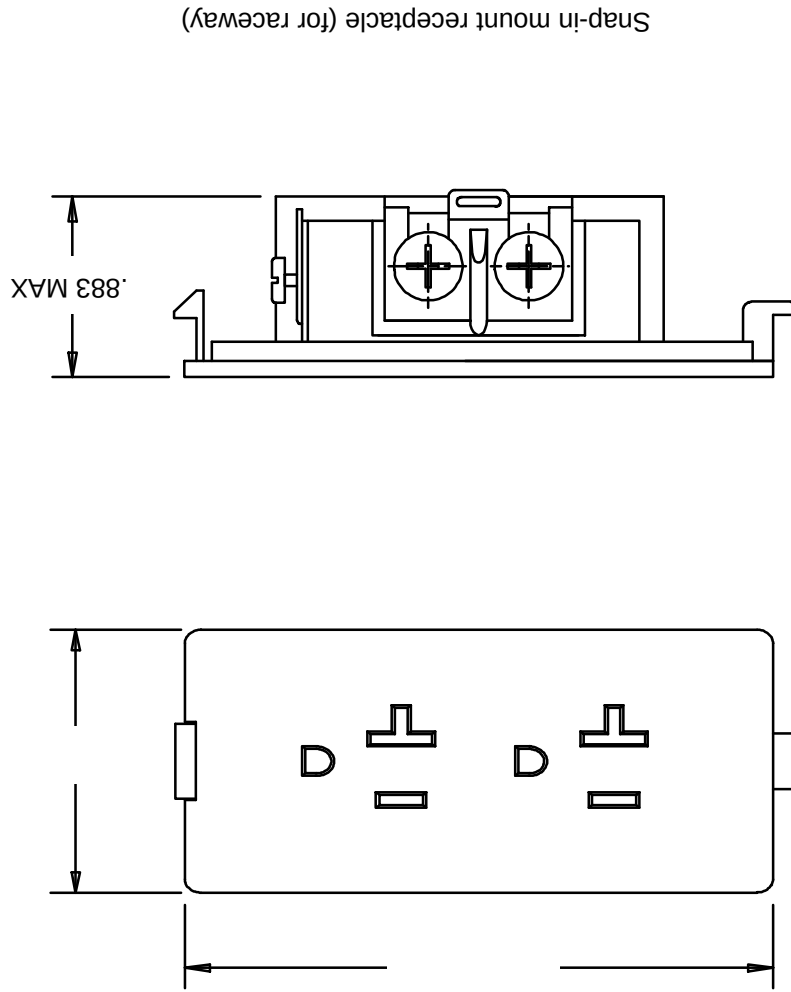
The General Services Administration has authorized the use
of this federal specification sheet by all federal agencies.

The complete requirements for procuring the connectors described herein shall
consist of this document and the latest issue of W-C-596/GEN.



Box mount receptacle

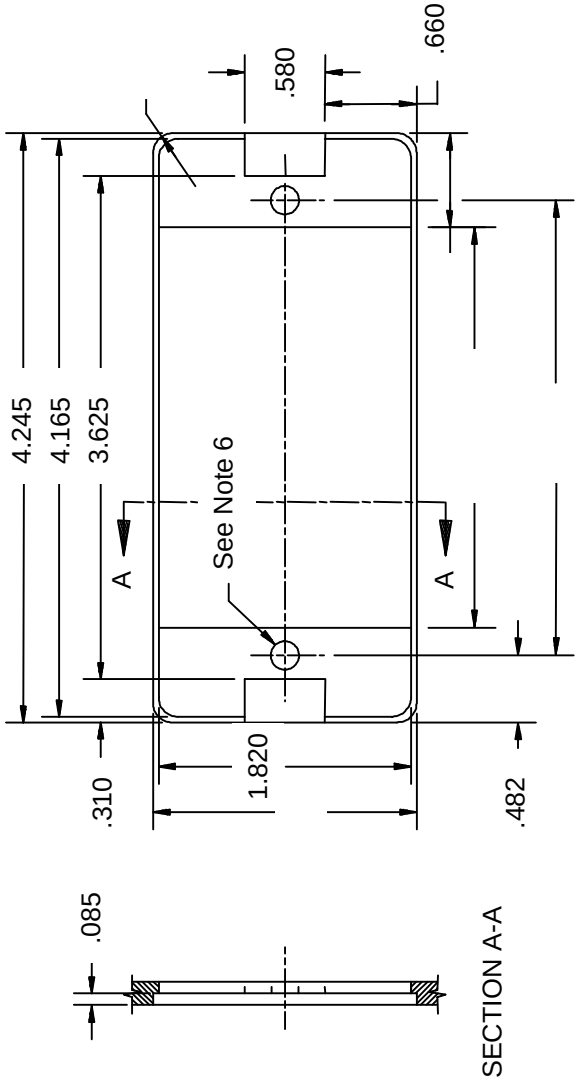
FIGURE 1. Configurations and dimensions.



Snap-in mount receptacle (for raceway)

FIGURE 1. Configurations and dimensions - Continued.

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Recommended snap-in mounting opening

Inches	mm	Inches	mm	Inches	mm
.003	0.076	.678	17.2	2.875	73.02
.085	2.16	.883	22.4	2.887	73.33
.140	3.56	1.125	28.57	3.281	83.34
.310	7.87	1.750	44.45	3.625	92.07
.482	12.2	1.820	46.23	4.165	105.8
.580	14.7	1.893	48.08	4.235	107.6
.660	16.8	1.900	48.26	4.245	107.8

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. For mounting dimensions of the box mount receptacle, see figure 11, configuration B of W-C-596.
4. Center line spacing of outlets shall be in accordance with NEMA WD-6 for duplex receptacles.
5. Tolerances on recommended snap-in mounting opening dimensions are $\pm .003$ inches.
6. Screw holes shown in recommended snap-in mounting opening are for a standard duplex receptacle and are optional.
7. Undimensioned pictorials are for reference purposes only.

FIGURE 1. Configurations and dimensions - Continued.

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REQUIREMENTS

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

Dimensions: Shall conform to ANSI/NEMA WD 6 configuration 5-20R.

Ratings:

Voltage: 125 volts.

Current: 20 amperes.

Frequency: 50/60 Hertz.

Mating connector: W-C-596/42.

Part or Identifying Number (PIN): WC596/40- (dash number from table I).

TABLE I. Dash number.

Dash number	Supersedes style <u>1/</u>	Description <u>2/</u>	Mounting	Color
1	X3, X4, X7, X8	General grade	Box	Ivory
2	X3, X4, X7, X8	General grade	Box	Brown
3		Hospital grade	Box	Ivory
4		Hospital grade	Box	Brown
5		General grade	Snap-in	Ivory
6		General grade	Snap-in	White
7		General grade	Snap-in	Grey

1/ Style X9 is canceled.

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

Supersession and cross-reference: See table II.

TABLE II. Supersession and cross-reference.

Active Government PIN	Superseded number <u>1/</u>										
	CAGE 74545	CAGE 75582	CAGE 04009	CAGE 11419	CAGE 71183	CAGE 73586	CAGE 77881	CAGE 81091	CAGE 21873	CAGE 08556	CAGE 82379
WC596/40-1	5362-I 5352-I	5800 5800-I 5896-I 55896-I 55800-I	5739-1 5735-I 5762-I 5739-SI	1464 1466 1460 1462	5362-I 5352-I 5342-I 805-I	2532-I	494V	5352-I 5350-I	3300-IV 5352-IV 5362-IV	5362-I 5352-I 606-I	1540I
WC596/40-2	5362 5352 5342	5800 5896 55896 55800	5739 5735 5762	1464X 1466X 1460X 1462X	5362 5352 5342 805	2532	494	5352 5350	3300-BR 5352-BR 5362-BR	5362 5352 606	1540
WC596/40-3	8300-I	5362-HGI			8300-I	8300-I		5300-HGI	8300-HG-IV		
WC596/40-4	8300	5362-HG			8300	8300		6300-HG	8300-HG BR		

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.

MILITARY INTERESTS:

Custodians

Army - CR
Navy – EC
Air Force - 11
DLA - CC

Review activities

Army - AV, CR4, MI
Navy - AS, MC, SH
Air Force – 19, 99

CIVIL AGENCY COORDINATING ACTIVITIES:

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

PREPARING ACTIVITY: DLA - CC

(Project 5935-4297)