

INCH-POUND

W-C-596/151C  
 10 October 2012  
 SUPERSEDING  
 W-C-596/151B  
 3 May 1988

FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, SPECIFIC PURPOSE, SINGLE, GROUNDING,  
 LOCKING, 2 POLE, 3 WIRE, 30 AMPERES, 120 VOLTS, 400 HERTZ, 1 PHASE

Inactive for new design after 10 October 2012.

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

The complete requirements for procuring connector described herein shall consist of this document and the latest issue in effect of W-C-596.

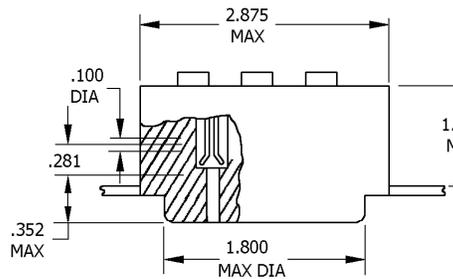


FIGURE 1. Connector mounting configuration

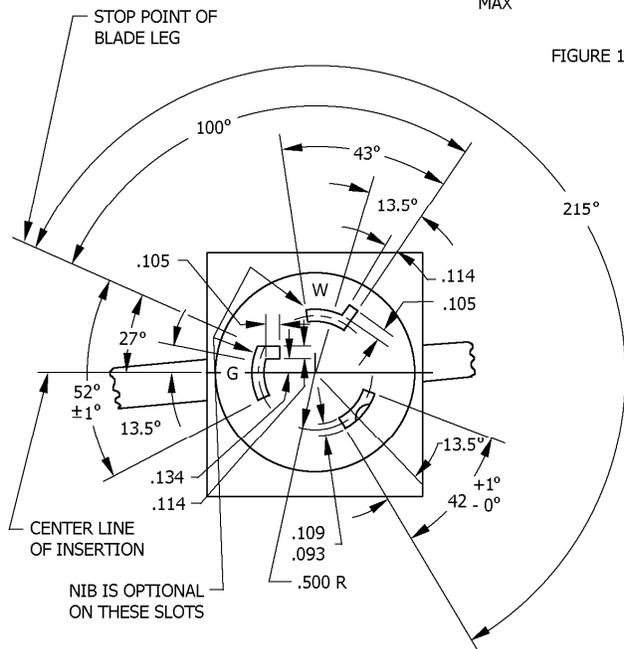


FIGURE 1. Configuration and dimensions.

| Inches | mm    |
|--------|-------|
| 0.093  | 2.36  |
| 0.100  | 2.54  |
| 0.105  | 2.67  |
| 0.109  | 2.77  |
| 0.114  | 2.90  |
| 0.281  | 7.14  |
| 0.352  | 8.94  |
| 0.500  | 12.70 |
| 1.250  | 31.75 |
| 1.800  | 45.72 |
| 2.875  | 73.02 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is  $\pm 0.005$  (0.13 mm) on all decimals and  $\pm 5^\circ$  on angles.
4. For mounting dimensions see figure II configuration A of the basic specification.

FIGURE 1. Configuration and dimensions – Continued.

REQUIREMENTS:

Design and configuration: See figure 1.

Ratings:

Voltage: 120 volts, 1 phase.

Current: 30 amperes.

Frequency: 400 hertz.

Vibration: Method 204 of MIL-STD-202, test condition B (WC596/151-2 only).

Shock: Method 213 of MIL-STD-202, test condition I (WC596/151-2 only).

Mating connector: W-C-596/152

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.

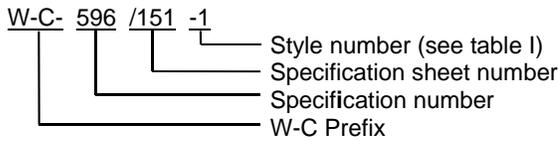


TABLE I. Dash number.

| Dash no. | Supersedes style | Description |
|----------|------------------|-------------|
| 1        |                  |             |
| 2        |                  | ruggedized  |

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-596/152

MIL-STD-202

CONCLUDING MATERIAL

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 5935-2012-090)

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>.