INCH-POUND

W-C-596/148C
8 December 2017
SUPERSEDING
W-C-596/148B
10 October 2012

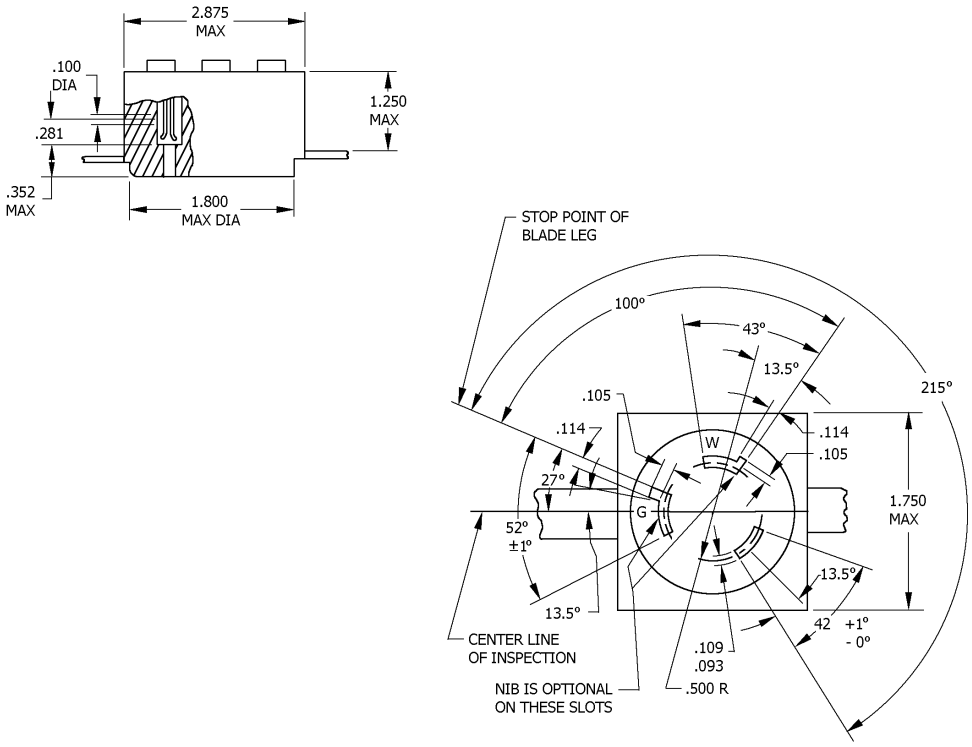
FEDERAL SPECIFICATION SHEET

CONNECTOR, RECEPTACLE, ELECTRICAL, SPECIFIC PURPOSE, SINGLE, GROUNDING, LOCKING, 2 POLE, 3 WIRE, 30 AMPERES, 28 VOLTS, DIRECT CURRENT

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.

Inactive for new design after 10 October 2012.



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
1.750	44.45
1.800	45.72
2.875	73.02

NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. For mounting dimensions see figure II configuration A of the basic specification.
4. Unless otherwise specified, tolerance is ±.005 (0.13 mm) on all decimals and ±5° on angles.

FIGURE 1. Configuration and dimensions.

REQUIREMENTS:

Design and configuration: See figure 1.

Ratings:
Voltage: 28 volts.
Current: 30 amperes.
Frequency: Direct current

Vibration: MIL-STD-202-204, test condition B (WC596/148-2 only).

Shock: MIL-STD-202-213, test condition I (WC596/148-2 only).

Mating connector: W-C-596/149

Part or Identifying Number (PIN): WC596/148- (dash number from table I).

TABLE I. Dash number.

Dash no.	Supersedes style	Description
1		
2		ruggedized

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:

W-C-596/149 MIL-STD-202-204 MIL-STD-202-213

MILITARY INTERESTS:

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

Review Activities
Army - CR4, MI
Navy - AS, EC, MC, SH
Air Force - 99

CIVIL AGENCY
COORDINATING ACTIVITIES:

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

Preparing Activity:
DLA - CC

(Project 5935-2017-169)

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.