

INCH-POUND

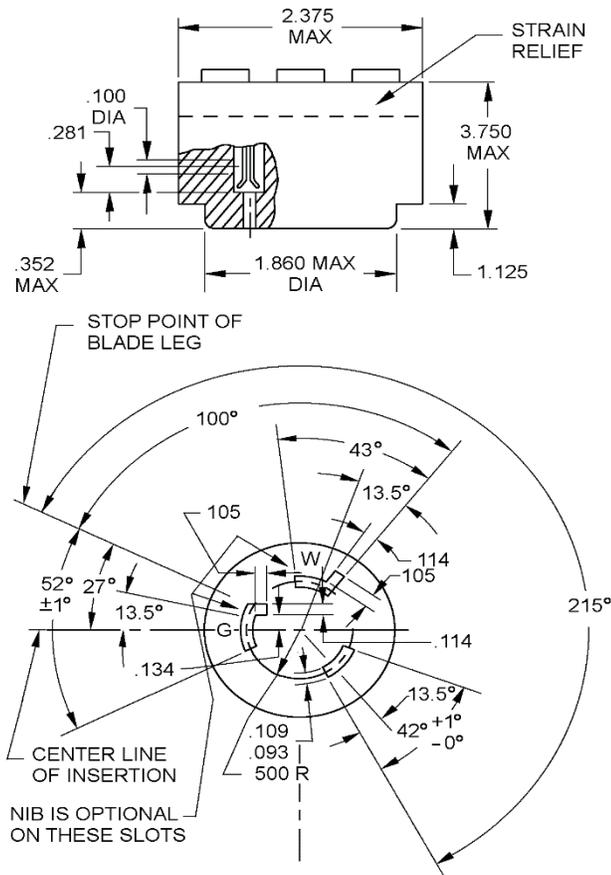
W-C-596/153B  
14 August 2016  
SUPERSEDING  
W-C-596/153A  
3 May 1988

FEDERAL SPECIFICATION SHEET

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

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
.093	2.36
.100	2.54
.105	2.67
.109	2.77
.114	2.90
.134	3.40
.281	7.14
.352	8.94
.500	12.70
1.125	28.58
1.860	47.24
3.750	95.25

NOTES:

1. Dimensions are in inches. Metric equivalents are given for general information only.
2. Unless otherwise specified, tolerance is  $\pm .005$  (.13 mm) on all decimals and  $\pm .5^\circ$  on angles.

FIGURE 1. Configuration and dimensions.



REQUIREMENTS:

Design and configuration: See figure 1.

Armored construction: Not acceptable.

Ratings:

Voltage: 120 volts, 1 phase.

Current: 30 amperes.

Frequency: 400 hertz.

Vibration: MIL-STD-202-204, test condition B (WC596/153-2 only).

Shock: MIL-STD-202-213, test condition I (WC596/153-2 only).

Mating connector: W-C-596/152.

Strain relief: Accommodate cable diameter .296-.625 inch (7.53 -15.88 mm).

Part number: WC596/153-1, WC596/153-2 (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-596/153  
MIL-STD-202-204  
MIL-STD-303-213

CONCLUDING MATERIAL

Custodians:

Army – CR  
Navy – YD  
Air Force – 85  
DLA - CC

Review activities:

Army – AV, CR4  
Navy – AS, EC, MC, SH  
Air Force – 99

Preparing activity:

DLA – CC

Civil agency coordinating activities:

DCGOVT - DCG  
DOT - ACO  
GSA – FSS, PCD  
HEW – FEC  
Interior – BPA

(Project 5935-2016-126)

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>.