

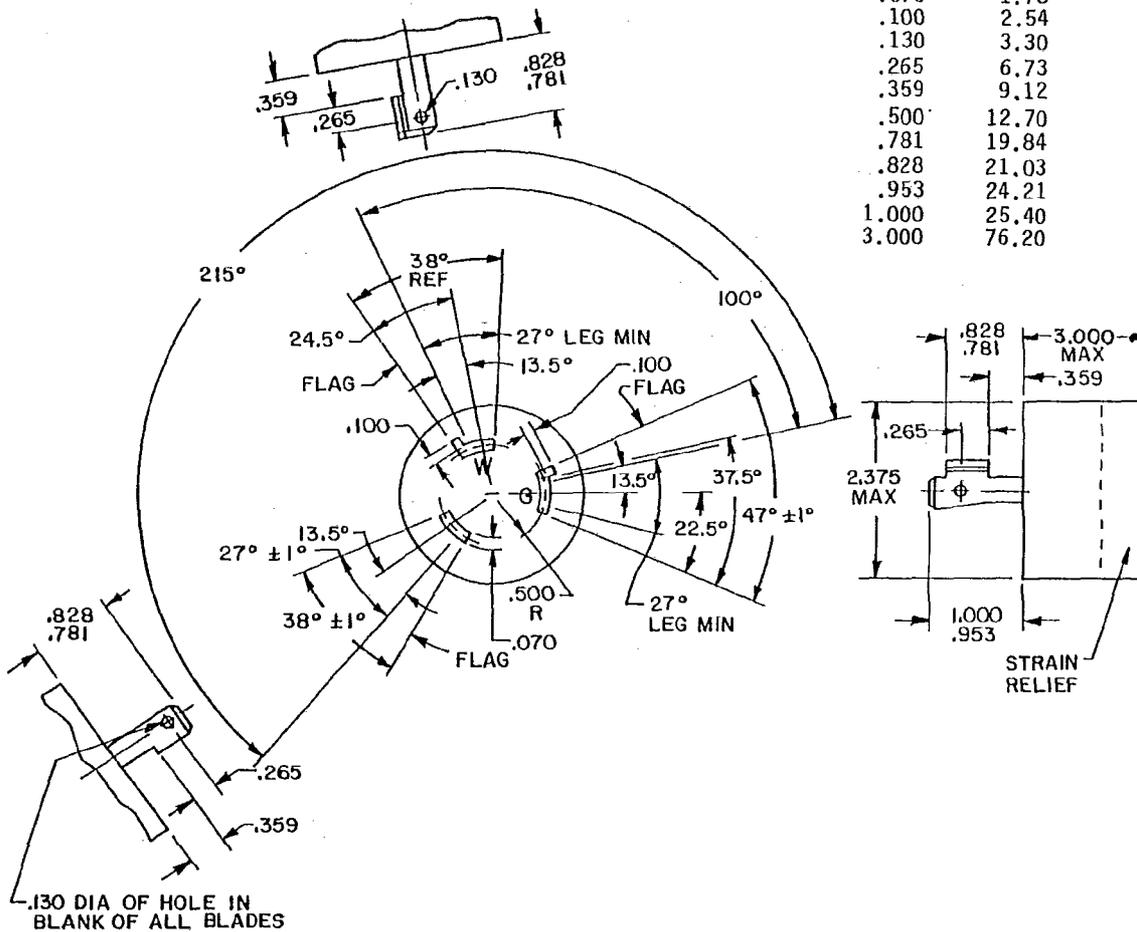
FEDERAL SPECIFICATION SHEET

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

This specification was approved by the Commissioner, Federal Supply Service,
General Services Administration, for the use of all Federal agencies.

The requirements for acquiring the connector described herein shall
consist of this specification and the latest issue of W-C-596.

Inches	mm
.070	1.78
.100	2.54
.130	3.30
.265	6.73
.359	9.12
.500	12.70
.781	19.84
.828	21.03
.953	24.21
1.000	25.40
3.000	76.20



NOTES:

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

FIGURE 1. Connector design and configuration.

(A) denotes changes

REQUIREMENTS:

Design and configuration: See figure 1.

Mating face: Dead-front construction.

Armored construction: Not acceptable.

Ratings:

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

Ⓐ Vibration: Method 204 of MIL-STD-202, test condition B (WC596/149-2 only).

Ⓐ Shock: Method 213 of MIL-STD-202, test condition I (WC596/149-2 only).

Mating connector: W-C-596/148 and /150.

Strain relief: Accommodate cable diameter .296-.625 inch (7.52-15.88 mm).

Part number: WC596/149-1, WC596/149-2 (ruggedized).

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - YD
Air Force - 85

Review activities:

Army - MI
Navy - EC, AS
Air Force - 11, 99

User activities:

Army - ME, AV
Navy - MC, SH

Preparing activity:

DLA - ES

Civil agency coordinating activities:

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

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