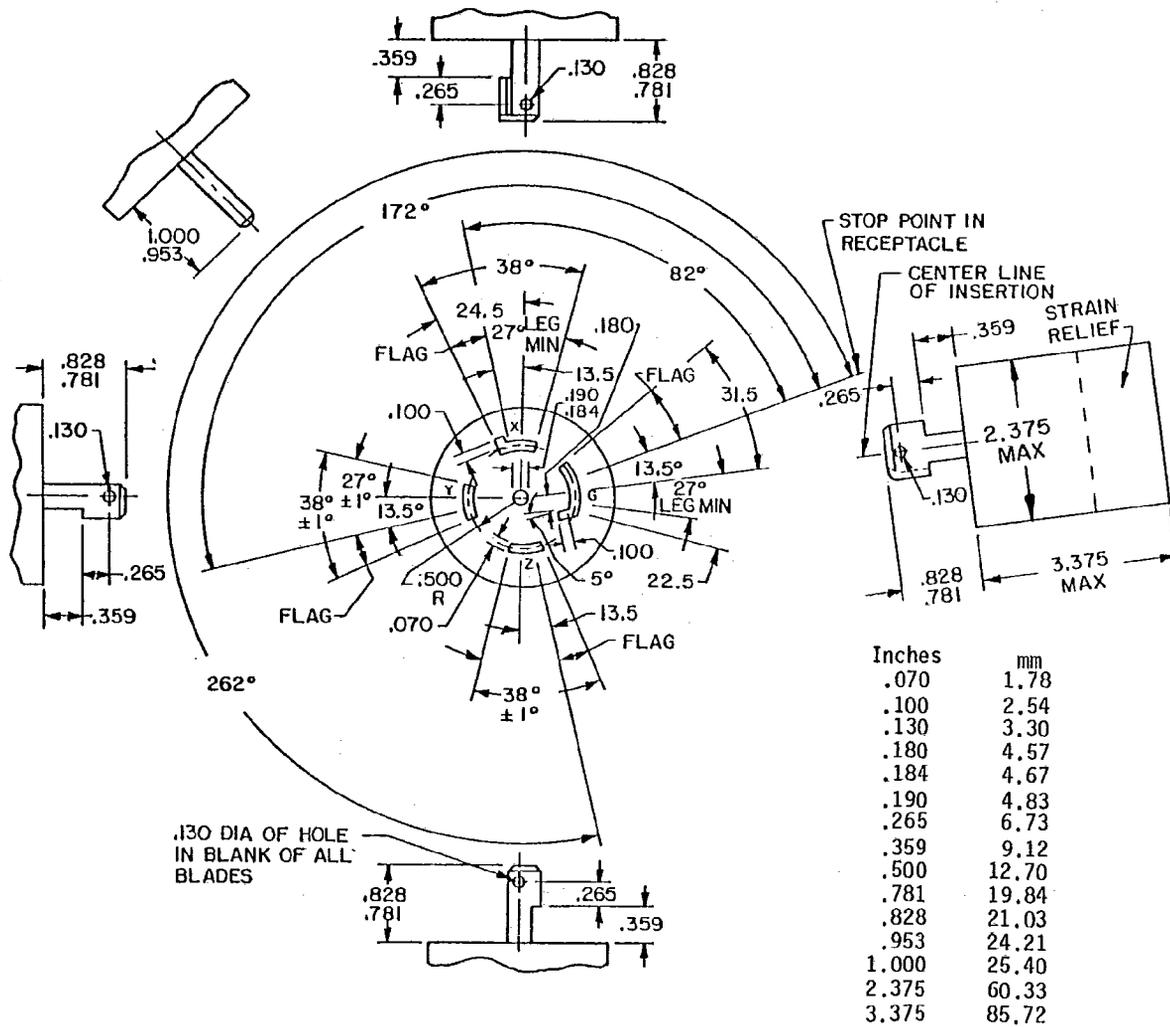


FEDERAL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SPECIFIC PURPOSE, LOCKING, GROUNDING,
 4 POLE, 5 WIRE, 30 AMPERES, 120/208 VOLTS, 3 PHASE Y, 400 HERTZ

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.



- NOTES:
 1. Dimensions are in inches.
 2. Metric equivalents are given for general information only.
 3. Unless otherwise specified, tolerance is ±.005 (.13 mm) on all decimals and ±.5° 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: 120/208 volts, 3 phase Y.

Current: 30 amperes.

Frequency: 400 hertz.

Ⓐ Vibration: Method 204 of MIL-STD-202, test condition B (WC596/158-2 only).

Ⓐ Shock: Method 213 of MIL-STD-202, test condition I (WC596/158-2 only).

Mating connector: W-C-596/157 or W-C-596-159.

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

Part number: WC596/158-1, WC596/158-2 (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

(Project 5935-3660-11)

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