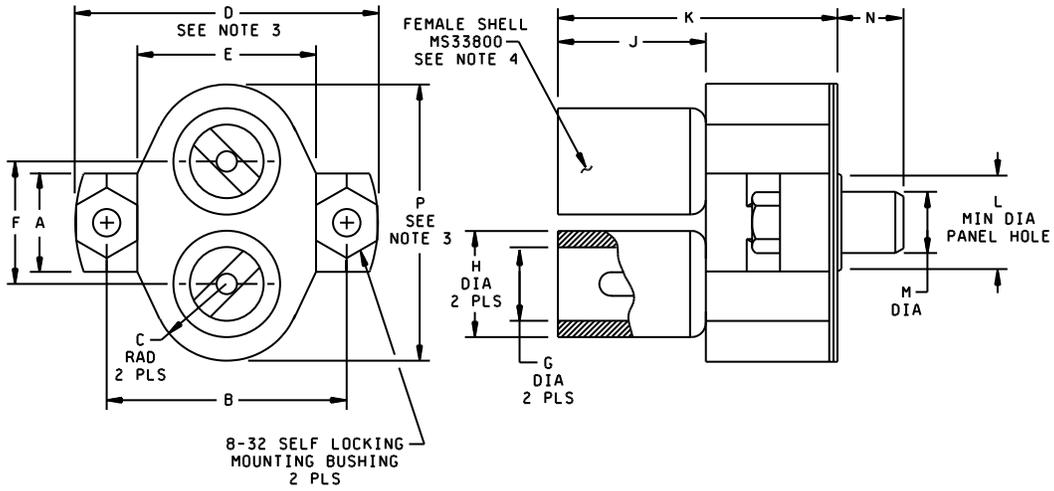


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| Ltr | Inches | | mm | |
|-----|--------|-------|-------|-------|
| | Min | Max | Min | Max |
| A | .593 | .657 | 15.06 | 16.69 |
| B | 1.566 | 1.582 | 39.78 | 40.08 |
| C | .484 | .548 | 12.29 | 13.92 |
| D | 1.968 | 2.032 | 49.99 | 51.61 |
| E | 1.155 | 1.219 | 29.34 | 30.96 |
| F | .811 | .875 | 20.60 | 22.23 |
| G | .438 | .502 | 11.13 | 12.75 |
| H | .668 | .732 | 16.97 | 18.59 |
| J | .928 | .992 | 23.57 | 25.20 |
| K | --- | 1.875 | --- | 47.63 |
| L | .562 | --- | 14.27 | --- |
| M | .408 | .472 | 10.36 | 11.99 |
| N | .468 | .532 | 11.89 | 13.51 |
| P | 1.784 | 1.848 | 45.31 | 46.94 |

NOTES:

1. Dimensions are in inches.
2. Tolerance is ± 0.032 inch (0.81 mm), unless otherwise specified.
3. Dimension excludes flexible gasket material.
4. Shell female [MS33800](#) mates with [MS27143](#) or [MS27144](#).

FIGURE I. Configuration and dimensions.

Speed of operation at 25°C (77°F) at 200 percent rated current. Circuit breakers supplied to this CID specification sheet shall meet the minimum and maximum opening time requirements as specified in table II.

TABLE II. Speed of operation at 25°C (77°F).

| 200 percent of rated current | Opening time in seconds | |
|------------------------------|-------------------------|---------|
| | Minimum | Maximum |
| | 8 | 50 |

NOTES.

PIN. The PIN should be used for Government purposes to buy commercial products to this CID specification sheet. See classification information for PIN format example.

Source of document.

DEPARTMENT OF DEFENSE SPECIFICATIONS

- [MS33800](#) - Connector, Receptacle, Electrical, PIN Contact No. 8, 12, 14 and 16 AWG, Waterproof
- [MS27143](#) - Connector, Plug, Electrical, Socket Contact, No. 12 AWG, Waterproof
- [MS27144](#) - Connector, Plug, Electrical, Socket Contact, No. 14 And 16 AWG, Waterproof

(Copies of these documents are available online at <http://quicksearch.dla.mil> or <https://assist.dla.mil> or from the DLA Document Services Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094)

Commercial products. As part of the market analysis and research effort, this CID specification sheet was coordinated with the following manufacturers of commercial products. At the time of CID specification sheet preparation and coordination, these manufacturers were known to have commercial products that would meet the requirements of this CID specification sheet. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturers shown.)

MFR's CAGE

82647

MFR's name and address

Sensata Technologies, Incorporated
 529 Pleasant Street
 Attleboro, MA 02703-2421
 Phone number (508) 236-3800
 Facsimile number (508) 236-1598
 E-mail: klixon@sensata.com
 Uniform Resource Locator (URL): <http://www.sensata.com>

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Part number (P/N) supersession data. These CID specification sheet PINs supersede the following MFR's P/N's as shown. This information is being provided to assist in reducing proliferation in the Government inventory system.

TABLE III. P/N supersession data.

| Dash number (see table I) AA55571/02- | MFR's CAGE | MFR's P/N ^{1/} |
|---|------------|-------------------------|
| 001 | 82647 | 9115-6-15 |
| 002 | 82647 | 9115-6-20 |
| 003 | 82647 | 9115-6-25 |
| 004 | 82647 | 9115-6-30 |

^{1/} The manufacturer's P/N shall not be used for acquisition to the requirements of this CID specification sheet. At the time of preparation of this CID specification sheet, the aforementioned commercial products were reviewed and could be replaced by the CID P/N shown. For actual part marking requirements, see the marking paragraph of [A-A-55571](#).

National stock number (NSN). The following is a list of NSN's assigned which correspond to this CID specification sheet. The list is for information only and may not be indicative of all possible NSN's associated with the CID specification sheet. For up to date information on assigned NSN's, please contact the aforementioned DLA Land and Maritime office listed in [A-A-55571](#).

TABLE IV. NSN's.

| Dash number (see table I) AA55571/02- | NSN |
|---|------------------|
| 001 | 5925-00-894-8015 |
| 002 | N/A |
| 003 | N/A |
| 004 | N/A |

Changes from previous issue. Marginal notations are marked with vertical lines to indicate where changes from the previous issue were made. 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 and relationship to the last previous issue.

MILITARY INTERESTS:

Custodians:
Navy - EC
DLA - CC

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FAS

Preparing activity:

DLA-CC

Project 5925-2014-013

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>.