DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, (CIRCULAR, ENVIRONMENT RESISTING), RECEPTACLE, (CABLE CONNECTING, THREADED COUPLING, CRIMP PIN CONTACTS), (SERIES II, CLASSES A, G, AND R)

Inactive for new design after 13 July 1976. For new design, use SAE-AS34511 and SAE-AS50151.

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 MIL-DTL-83723.

FIGURE 1. Dimensions and configurations.

AMSC N/A                    FSC 5935
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FIGURE 1. Dimensions and configurations – Continued.
## FIGURE 1. Dimensions and configurations – Continued.

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## MIL-DTL-83723/18C
\[\text{w/AMENDMENT 2}\]

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</table>

### NOTES:
1. All dimensions are in inches. Metric equivalents are given for information only.
2. All dimension are after plating.
3. For details of connector front end configuration, see procurement specification.
4. When insulator arrangement sizes 18 through 40 contain one or more size No. 0 contacts, E dimension will increase .150 max.

## FIGURE 1. Dimensions and configurations – Continued.

### REQUIREMENTS:

Dimensions and configurations: See figure 1.

This receptacle mates with MIL-DTL-83723/23.

For insert arrangements see MIL-STD-1651.

Rear hardware as specified in MIL-DTL-83723/27, /35, or /50 must be used for correct wire sealing.

Insert positions and alternate rotations: The letter N indicates normal (or standard) insert position. Alternate positions are identified in MIL-STD-1651.
Part or Identifying Number (PIN) example:

M83723/ 18 R 16 01 N

- Polarizing position
- Insert arrangement
- Shell size
- Class
- Specification sheet number
- MIL number prefix

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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 notation.

Referenced documents. In addition to MIL-DTL-83723, this document references the following:

- MIL-DTL-83723/23
- MIL-DTL-83723/27
- MIL-DTL-83723/35
- MIL-DTL-83723/50
- MIL-STD-1651
- SAE-AS34511
- SAE-AS50151

CONCLUDING MATERIAL

Custodians: Preparing activity:
Air Force – 85 DLA - CC
DLA - CC

Review activities:
Air Force – 19, 99 (Project 5935-2010-089)

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.daps.dla.mil.