



## DEFENSE LOGISTICS AGENCY

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IN REPLY  
REFER

DSCC-VAI (Mr. Ron Gary/(614) 692-0568

June 24, 2004

### MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

**SUBJECT:** Initial Draft of MS35122B, MS35123C, MS90261D, MS90577A, MS90578B and MS90579A;  
Adapter, Connectors, Plugs and Receptacles, Series SM, C, HN, UHF, QL and BNC;  
Project Numbers 5935-4745 through 5935-4750.

The initial draft for this subject document will be available for viewing and downloading from the DSCC-VAI Web site within the next 5 working days:

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

Changes to this document include reference updates and reformatting, however the entire specification is offered for comment.

Concurrence or comments are required at this Center within 45 days from the date of this letter. Late comments will be held for the next coordination of this document. Comments from Military Departments must be identified as either "Essential" or "Suggested". Essential comments must be justified with supporting data. Military review activities should forward comments to their custodians, as applicable, in sufficient time to allow for consolidation of the Department reply.

Please forward your comments or concurrence electronically to the project officer listed below. This can be in the form of a return e-mail, with or without attached text files. If an electronic response is not possible, we will accept comments via letter, facsimile, or phone call. Any further coordination concerning this document will be circulated only to firms and organizations that furnish comments or reply that they have an interest.

The point of contact for this document is Mr. Ron Gary. The preferred method of contact is via e-mail: [Estel.Gary@dla.mil](mailto:Estel.Gary@dla.mil). Mr. Gary can also be reached at 614-692-0568/DSN 850-0568, or by facsimile 614-692-6940.

Sincerely,

/signed/

RICHARD L. TAYLOR  
Chief,  
Interconnection Devices Team

Note: This draft dated 3 June 2004, prepared by the Defense Supply Center Columbus (DSCC-VAI) has not been approved and is subject to modification.

**DO NOT USE PRIOR TO APPROVAL (5935-4745-000)**

INCH-POUND

MS35122B  
DRAFT  
SUPERSEDING  
MS35122A  
31 March 1955

DETAIL SPECIFICATION SHEET

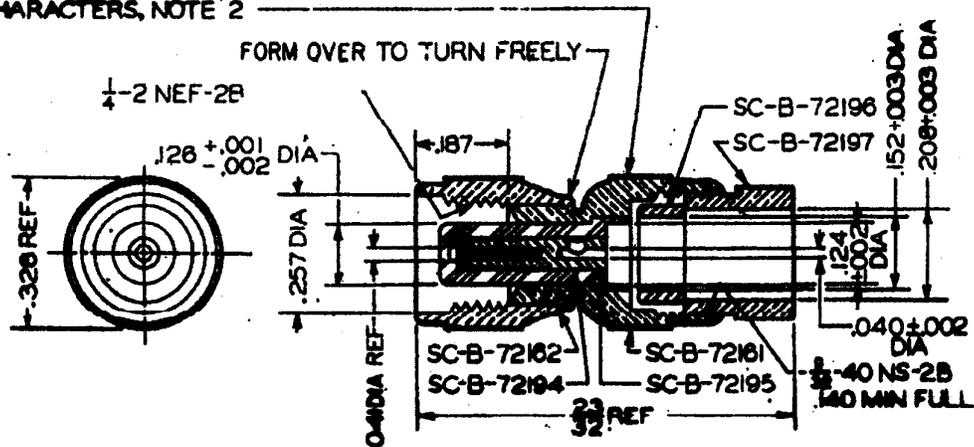
PLUG, CONNECTOR (TYPE SM) UG-699/U

Inactive for new design 15 June 1999

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-27434.

NOMENCLATURE SHALL BE CENTRALLY LOCATED IN THIS AREA AND MARKED ANNULARLY USING 12 CHARACTERS, NOTE 2



NOTES:

1. Unless otherwise specified the tolerance shall be  $\pm 0.003$  (0.08 mm).
2. Metal stamp or etch characters to meet the requirements of U.S. Army Specification 71-4944.
3. All threads shall be in accordance with FED-STD-H28.
4. Dimensions are in inches.
5. Metric equivalents are given for information only.

FIGURE 1. Type UG-699/U Connector.

AMSC N/A

FSC 5935

MS35122B

Dimensions and configuration: In accordance with Figure 1 and the following drawings:

- SC-B-72161 - Body, Brass.
- SC-B-72162 - Coupling Nut, Brass.
- SC-B-72194 - Contact, Phosphor Bronze.
- SC-B-72195 - Insulator.
- SC-B-72196 - Clamp, Braid, Brass.
- SC-B-72197 - Nut, Clamp, Brass.

Frequency range: 500 MHz, maximum.

Voltage rating: 100 volts, peak, maximum.

Corrosion: Method 101 of MIL-STD-202 test condition B.

Finish: All metal parts shall be silver plated to a minimum thickness of 0.000200 inches (0.005 mm) in accordance with ASTM B700.

Part or Identifying Number (PIN): MS35122-1.

Referenced documents. In addition to MIL-DTL-27434, this document references the following:

- FED-STD-H28
- MIL-STD-202
- U.S. Army Specification 71-4944
- SC-B-72161
- SC-B-72162
- SC-B-72194
- SC-B-72195
- SC-B-72196
- SC-B-72197
- ASTM B700

CONCLUDING MATERIAL

Custodians:  
Army - CR  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5935-4745-000)

Review activity:  
Army - MI

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 <http://www.dodssp.daps.mil>.