

INCH-POUND

MS35122B
7 November 2005
SUPERSEDING
MS35122A
31 March 1955

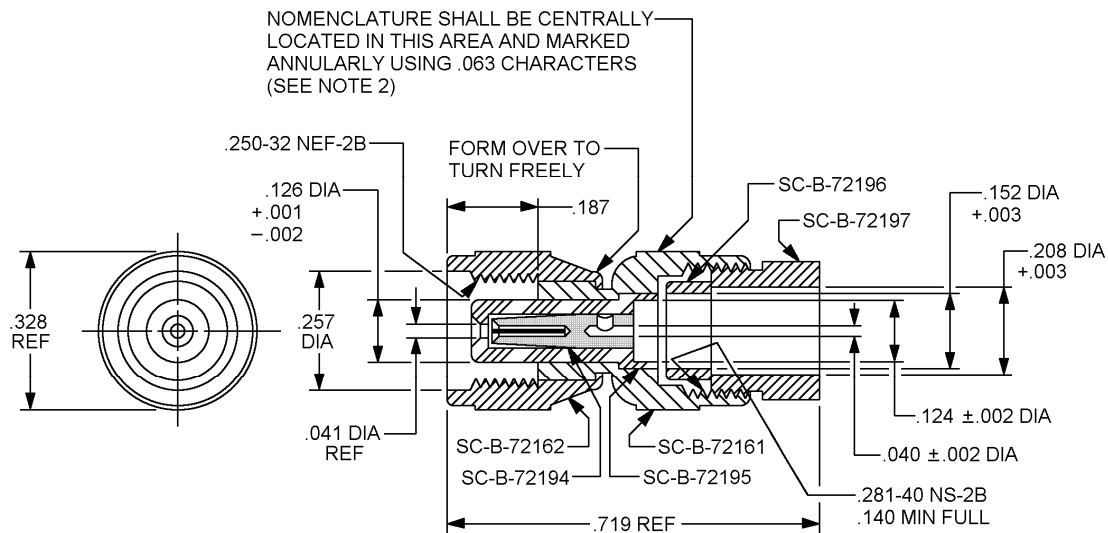
DETAIL SPECIFICATION SHEET

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.



Inches	mm	Inches	mm
.001	.03	.140	3.56
.002	.05	.152	3.86
.003	.08	.187	4.75
.040	1.02	.208	5.28
.041	1.04	.257	6.53
.124	3.15	.328	8.33
.126	3.20	.719	18.26

NOTES:

1. Unless otherwise specified the tolerance shall be $\pm .003$ (0.08 mm).
2. Metal stamp or etch characters to meet the requirements of MIL-STD-13231.
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.

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.

The insulator shall have no cracks or visible flaws.

All metal parts shall be free from chips, burrs, and scratches in accordance with best commercial practices.

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 0.0002 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
MIL-STD-13231
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://assist.daps.dla.mil>.