

INCH-POUND

MS35123C
 7 November 2005
 SUPERSEDING
 MS35123B
 31 October 1956

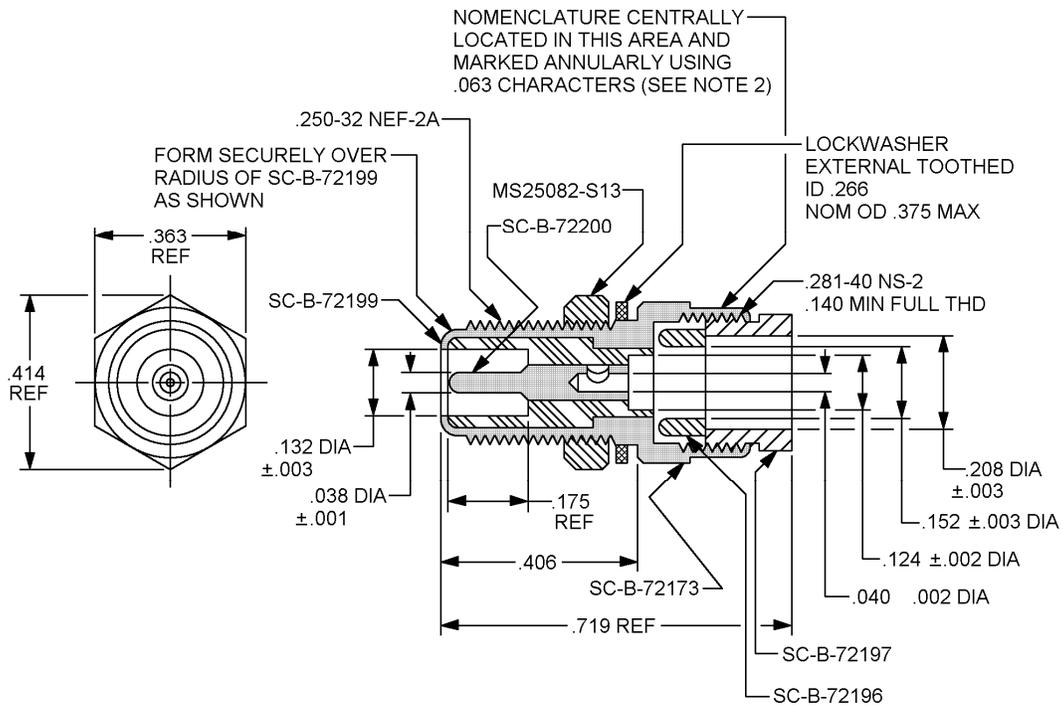
DETAIL SPECIFICATION SHEET

RECEPTACLE, CONNECTOR (TYPE SM) UG-700/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	.175	4.44
.003	.08	.208	5.28
.038	.96	.266	6.76
.040	1.02	.363	9.14
.063	1.60	.375	9.52
.124	3.15	.406	10.31
.132	3.35	.414	10.51
.140	3.56	.719	18.26
.152	3.86		

FIGURE 1. Type UG-700/U Connector.

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NOTES:

1. Unless otherwise specified the tolerance shall be ± 0.003 (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-700/U Connector - Continued.

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

- | | |
|------------|------------------------|
| SC-B-72173 | - Body, Brass. |
| SC-B-72196 | - Clamp, Braid, Brass. |
| SC-B-72197 | - Nut, Clamp, Brass. |
| SC-B-72199 | - Insulator. |
| SC-B-72200 | - Contact, Brass. |
| MS25082 | - Nut, Hex, 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): MS35123-1.

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

- FED-STD-H28
- MIL-STD-202
- MIL-STD-13231
- SC-B-72173
- SC-B-72196
- SC-B-72197
- SC-B-72199
- SC-B-72200
- MS25082
- ASTM B700

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CONCLUDING MATERIAL

Custodians:

Army - CR
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4747-000)

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>.