

INCH-POUND

MIL-DTL-27434/20A
 22 May 2008
 SUPERSEDING
 MIL-A-27434/20
 28 September 1960

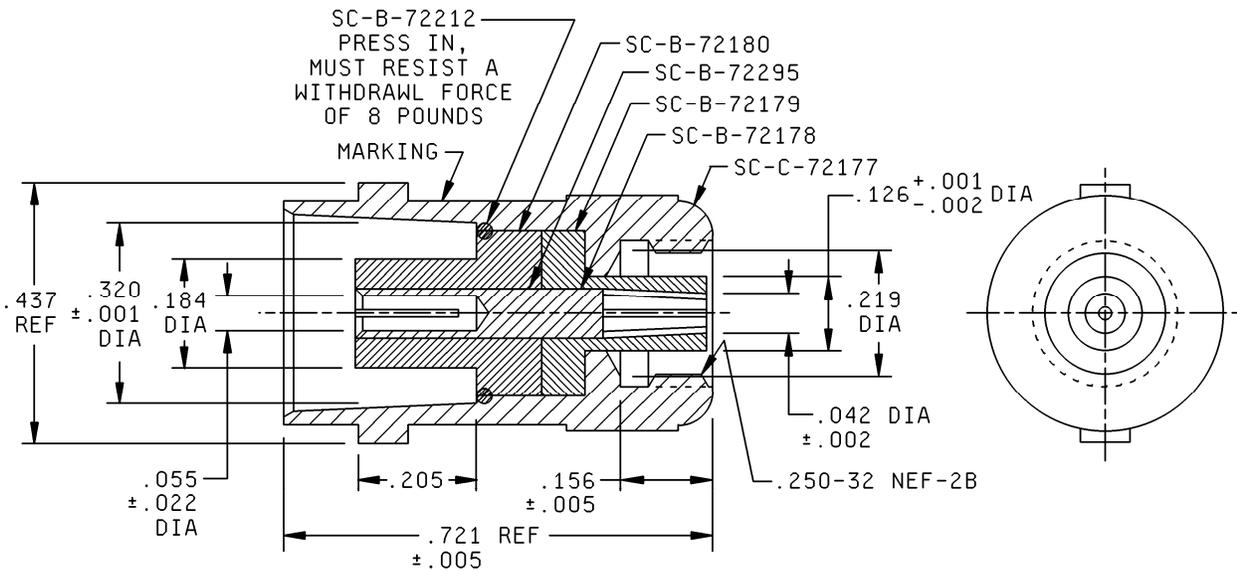
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,
 BETWEEN SERIES, SERIES BNC to SERIES SM
 TYPE UG-690/U

**Inactive for new design after
 19 February 1982**

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	0.03	.156	3.96
.002	0.05	.184	4.67
.005	0.13	.205	5.21
.022	0.56	.219	5.56
.042	1.07	.320	8.13
.055	1.40	.427	10.85
.126	3.20	.721	18.31

NOTES:

1. All dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified dimensional tolerances are ±.005 inches.

FIGURE 1. Type UG-690/U connector adapter.

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ENGINEERING DATA:

Impedance: 50 ohms, nominal.

Voltage rating: 100 V rms, maximum at sea level.

Temperature rating: -65° C to +165° C.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Mating characteristics: Series BNC socket contact in accordance with MIL-STD-348, and series SM socket contact interface shall be in accordance with MIL-DTL-27434 after assembly.

Corrosion: Applicable.

Vibration: Applicable.

Shock: Applicable.

Part or Identifying Number (PIN): UG-690/U.

Supersession: This document supersedes (SigC) drawing MS35113.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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

- MIL-STD-348
- SC-C-72177
- SC-B-72178
- SC-B-72179
- SC-B-72180
- SC-B-72212
- SC-B-72295

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CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 85
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2007-006)

Review activities:

Navy – SH
Air Force - 99

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>.