



NOTES:

1. Dimensions are in inches; metric equivalents are in parentheses.
2. Metric equivalents are given for reference purposes only.
3. All undimensioned pictorial configurations are for reference purposes only.
4. Series N, socket contact interface, in accordance with MIL-STD-348.
5. Wrench flats to accommodate standard wrench openings IAW FED-STD-H28, appendix 10.

FIGURE 1. General configuration.

| | | | |
|--|----------|--------------|---------------|
| DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OH 43216-5000 | SIZE | CAGE CODE | DWG NO. |
| | A | 037Z3 | 01006 |
| | | REV | PAGE 2 |

ENGINEERING DATA:

This document covers the requirements for radio frequency connectors accommodating special low smoke coaxial cables.

REQUIREMENTS:

These connectors shall conform to all the requirements of the latest issue of DSCC drawing 84148, figure 1 herein, and MIL-PRF 39012/3, and accommodate the cables listed in table I, with the following additions and exceptions.

Electrical: Shall be in accordance with MIL-PRF-39012/3.

Mechanical: Shall be in accordance with MIL-PRF-39012/3.

Environmental: Shall be in accordance with MIL-PRF-39012/3.

TABLE I. Cable accommodation.

| Part or Identifying Number (PIN) 1/ 2/ | Applicable cable |
|--|------------------|
| 01006NBSA @ | M17/220-00001 |
| 01006NBSB # | M17/221-00001 |
| 01006NBSC & | M17/222-00001 |
| 01006NBSD \$ | M17/223-00001 |
| 01006NBSE % | M17/224-00001 |
| 01006NBSF = | M17/225-00001 |

1/ These connectors have captivated center contacts.

2/ These connectors are assembled using the MIL-C-22520/5 crimp tool and using the following crimp dies:

- @ M22520/5-05
- # M22520/5-07
- & M22520/5-29
- \$ M22520/5-25
- % M22520/5-27
- = M22520/5-TBD

| | | | |
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Approved sources of supply. Approved sources of supply are listed herein. Additional sources will be added as they become available. The vendors listed below have agreed to this drawing and a certificate of compliance has been submitted to DSCC-VAI.

| DSCC drawing PIN | Vendor CAGE number | Vendor similar PIN ^{1/} |
|------------------|--------------------|----------------------------------|
| 01006NBSA | 00795 | 3190-850 |
| 01006NBSB | 00795 | 3190-1150 |
| 01006NBSC | 00795 | 3190-1176 |
| 01006NBSD | 00795 | 3190-1079 |
| 01006NBSE | 00795 | 3190-1198 |
| 01006NBSF | 00795 | 3190-1087 |

^{1/} Caution: Do not use this number for item acquisition. Items acquired to this number may not satisfy the performance requirements of this drawing.

Vendor CAGE
number

00795

Vendor name
and address

Delta Electronics
416 Cabot Street
Beverly, MA 01915

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