

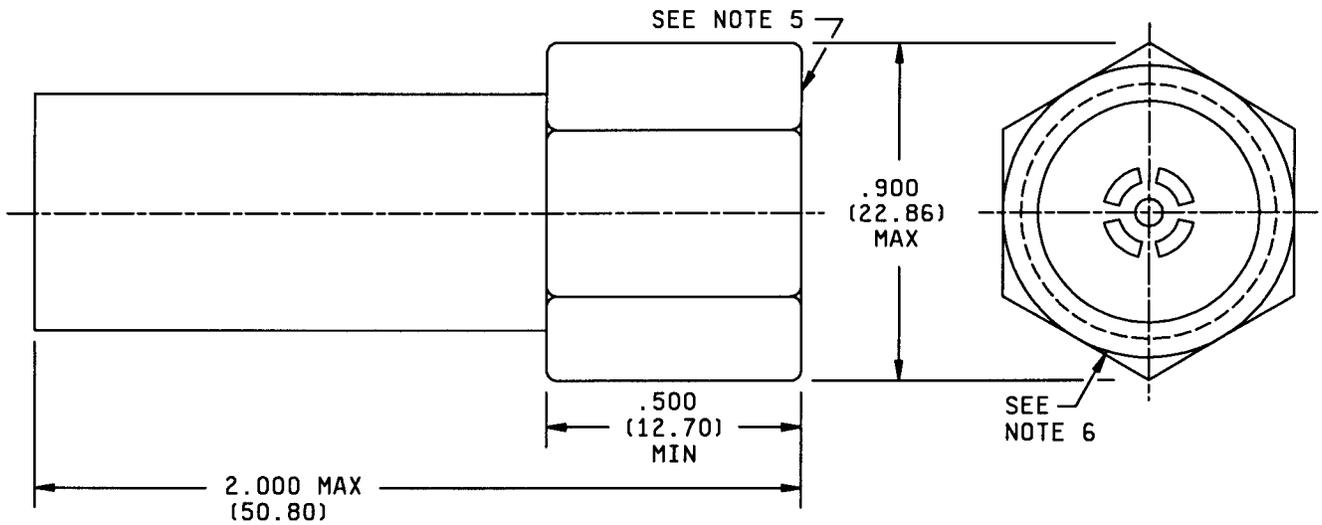
**REVISIONS**

LTR	DESCRIPTION	DATE	APPROVED

Prepared in accordance with MIL-STD-100

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<b>PMIC</b> N/A	<b>PREPARED BY</b> Ron Gary	<b>DEFENSE SUPPLY CENTER, COLUMBUS</b> <b>COLUMBUS, OHIO 43216-5000</b>	
Original date of drawing  20 April 2001	<b>CHECKED BY</b> Lee Surowiec	<b>TITLE</b> <b>CONNECTOR, PLUG, ELECTRICAL, RF, SERIES N,</b> <b>FOR LOW SMOKE CABLES</b>	
	<b>APPROVED BY</b> Robert Heber		
	<b>SIZE</b> <b>A</b>	<b>CAGE CODE</b> <b>037Z3</b>	<b>DWG. NO.</b> <b>01004</b>
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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. No safety wire holes are required.
5. Series N, pin contact interface, in accordance with MIL-STD-348.
6. Dimension is .812 across flats.

FIGURE 1. General configuration.

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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 39012/1, and accommodate the cables listed in table I, with the following additions and exceptions.

Electrical: Shall be in accordance with MIL-PRF-39012/1.

Mechanical: Shall be in accordance with MIL-PRF-39012/1 with the following exception:

No safety wire holes are required.

Environmental: Shall be in accordance with MIL-PRF-39012/1.

TABLE I. Cable accommodation.

Part or Identifying Number (PIN) <u>1/</u> <u>2/</u>	Applicable cable
01004NBSA @	M17/220-00001
01004NBSB #	M17/221-00001
01004NBSC &	M17/222-00001
01004NBSD \$	M17/223-00001
01004NBSE %	M17/224-00001
01004NBSF =	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 <u>1/</u>
01004NBSA	00795	3190-1070
01004NBSB	00795	3190-1151
01004NBSC	00795	3190-1177
01004NBSD	00795	3190-1080
01004NBSE	00795	3190-1199
01004NBSF	00795	3190-1088

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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