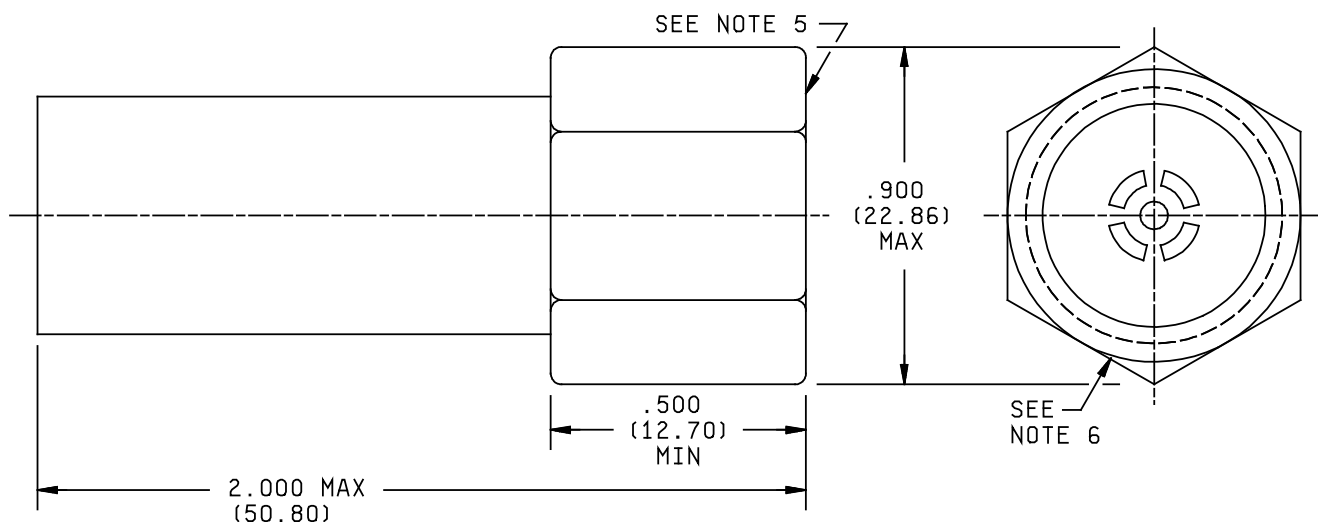


REVISIONS																		
LTR	DESCRIPTION							DATE				APPROVED						
A	Update references, technical data, contact information, distribution statement.							24 April 2008				Abdonasser Abdouni						
B	Updated Vendor PINs.							30 July 2009				Abdonasser Abdouni						
Prepared in accordance with ASME Y14.100																		
Source control drawing																		
REV																		
PAGE																		
REV STATUS OF PAGES	REV		B	A	A	B												
	PAGE		1	2	3	4												
PMIC N/A			PREPARED BY Ron Gary						DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OHIO 43218-3990									
Original date of drawing 20 April 2001			CHECKED BY Lee Surowiec						TITLE CONNECTOR, PLUG, ELECTRICAL, RF, SERIES N, FOR LOW SMOKE CABLES									
			APPROVED BY Rob Heber															
			SIZE A			CAGE CODE 037Z3			DWG. NO. 01004									
			REV B			PAGE 1 OF 4												



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.

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OH 43218-3990	SIZE A	CAGE CODE 037Z3	DWG NO. 01004
		REV A	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-39012/1, 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

DEFENSE SUPPLY CENTER, COLUMBUS
COLUMBUS, OH 43218-3990

SIZE

A

CAGE CODE

037Z3

REV

A

DWG NO.

01004

PAGE

3

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 Defense Supply Center Columbus, ATTN: DSCC-VAI, P.O. Box 3990, Columbus, OH 43218-3990 or emailed to RFConnector@dla.mil.

DSCC drawing PIN	Vendor similar PIN <u>1/</u>	Vendor CAGE number
01004NBSA	(3190-1070) Superseded by 1103320A001-003	00795
01004NBSB	(3190-1151) Superseded by 1103311A001-005	00795
01004NBSC	(3190-1177) Superseded by 1103348A001-002	00795
01004NBSD	(3190-1080) Superseded by 1103300A001-012	00795
01004NBSE	(3190-1199) Superseded by 1103318A001-001	00795
01004NBSF	(3190-1088) Superseded by 1103319A001-007	00795

1/ Parts must be purchased to this DSCC PIN to assure all performance requirements and test are met.

Vendor CAGE
number

00795

Vendor name
and address

Delta Electronics
416 Cabot Street
Beverly, MA 01915

DEFENSE SUPPLY CENTER, COLUMBUS COLUMBUS, OH 43218-3990	SIZE A	CAGE CODE 037Z3	DWG NO. 01004
		REV B	PAGE 4