

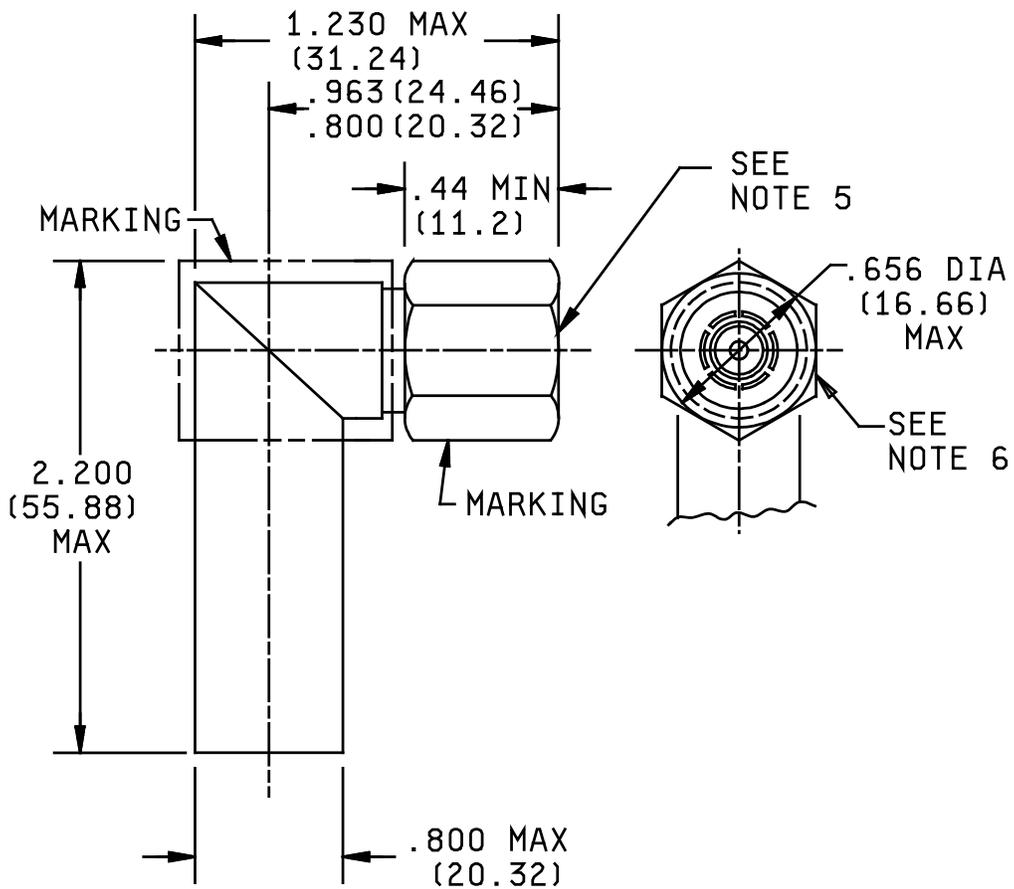
**REVISIONS**

| <b>LTR</b> | <b>DESCRIPTION</b>  | <b>DATE</b>   | <b>APPROVED</b>    |
|------------|---|---------------|--------------------|
| A          | Update references, technical date, contact information, distribution statement. | 24 April 2008 | Abdonasser Abdouni |
| B          | Updated Vendors PINs.   | 30 July 2009  | Abdonasser Abdouni |

Prepared in accordance with ASME Y14.100

Source control drawing

|   |                                   |                  |   |   |   |   |  |          |  |              |  |          |  |  |  |  |  |  |  |
|---|-----------------------------------|------------------|---|---|---|---|--|----------|--|--------------|--|----------|--|--|--|--|--|--|--|
| <b>REV</b>                                    |                                   |                  |   |   |   |   |  |          |  |              |  |          |  |  |  |  |  |  |  |
| <b>PAGE</b>                                   |                                   |                  |   |   |   |   |  |          |  |              |  |          |  |  |  |  |  |  |  |
| <b>REV STATUS</b>                             | <b>REV</b>                        | B                | A | A | B |   |  |          |  |              |  |          |  |  |  |  |  |  |  |
| <b>OF PAGES</b>                               | <b>PAGE</b>                       | 1                | 2 | 3 | 4 |   |  |          |  |              |  |          |  |  |  |  |  |  |  |
| <b>PMIC</b> N/A                               | <b>PREPARED BY</b><br>Ron Gary    |                  |   |   |   | <b>DEFENSE SUPPLY CENTER, COLUMBUS<br/>COLUMBUS, OHIO 43218-3990</b>                      |  |          |  |              |  |          |  |  |  |  |  |  |  |
| Original date of drawing<br><br>20 April 2001 | <b>REVISED BY</b><br>Lee Surowiec |                  |   |   |   | <b>TITLE</b>  |  |          |  |              |  |          |  |  |  |  |  |  |  |
|   | <b>APPROVED BY</b><br>Rob Heber   |                  |   |   |   | <b>CONNECTOR, PLUG, ELECTRICAL, RF, SERIES TNC,<br/>RIGHT ANGLE, FOR LOW SMOKE CABLES</b> |  |          |  |              |  |          |  |  |  |  |  |  |  |
|   | <b>SIZE</b>                       | <b>CAGE CODE</b> |   |   |   | <b>DWG. NO.</b>   |  |          |  | <b>01017</b> |  |          |  |  |  |  |  |  |  |
|   | <b>A</b>                          | <b>037Z3</b>     |   |   |   | <b>PAGE</b>   |  | <b>1</b> |  | <b>OF</b>    |  | <b>4</b> |  |  |  |  |  |  |  |
|   | <b>REV</b>                        | <b>B</b>         |   |   |   | <b>PAGE</b>   |  | <b>1</b> |  | <b>OF</b>    |  | <b>4</b> |  |  |  |  |  |  |  |



NOTES:

1. Dimensions are in inches. Metric equivalents are in parenthesis.
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 TNC, pin contact interface, in accordance with MIL-STD-348.
6. Dimension is .562 (14.27 mm) across flats.

FIGURE 1. General configuration.

|  |                  |                           |                         |
|--|------------------|---------------------------|-------------------------|
| <b>DEFENSE SUPPLY CENTER, COLUMBUS</b><br><b>COLUMBUS, OH 43218-3990</b> | SIZE<br><b>A</b> | CAGE CODE<br><b>037Z3</b> | DWG NO.<br><b>01017</b> |
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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 39012/30, and accommodate the cables listed in table I, with the following additions and exceptions.

Electrical: Shall be in accordance with MIL-PRF-39012/30.

Mechanical: Shall be in accordance with MIL-PRF-39012/30 with the following exception:

No safety wire holes are required.

Environmental: Shall be in accordance with MIL-PRF-39012/30.

TABLE I. Cable accommodation.

| Part or Identifying Number (PIN) <u>1/</u> <u>2/</u> | Applicable cable |
|--|------------------|
| 01017TBSA @  | M17/220-00001    |
| 01017TBSB #  | M17/221-00001    |
| 01017TBSC &  | M17/222-00001    |
| 01017TBSD \$   | M17/223-00001    |
| 01017TBSE %  | M17/224-00001    |
| 01017TBSF  | 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

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

| DSCC drawing PIN | Vendor similar PIN <u>1/</u>                    | Vendor CAGE number |
|------------------|---|--------------------|
| 01017TBSA        | (3190-848)<br>Superseded by<br>1207320A001-000  | 00795              |
| 01017TBSB        | (3190-1158)<br>Superseded by<br>1207311A001-001 | 00795              |
| 01017TBSC        | (3190-1184)<br>Superseded by<br>1207348A001-000 | 00795              |
| 01017TBSD        | (3190-1086)<br>Superseded by<br>1207300A001-002 | 00795              |
| 01017TBSE        | (3190-1206)<br>Superseded by<br>1207318A001-000 | 00795              |
| 01017TBSF        | (3190-858)<br>Superseded by<br>1207319A001-001  | 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

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