

| REVISIONS | | | |
|-----------|---|-------------|--------------------|
| LTR | DESCRIPTION | DATE | APPROVED |
| C | Added dash numbers 67 through 77. Editorial changes. | 06 Aug 1987 | Randy Larson |
| D | Replaced MIL-D-23859 references with MIL-PRF-83532. Changed pin length dimensions. Added note 4 to figure 1. Added three vendors. Editorial changes throughout. J.W. | 07 Oct 1988 | Randy Larson |
| E | Changed thermal shock requirements. Added two vendors. Editorial changes throughout. B.B. | 29 Aug 1989 | D.E. Morgan |
| F | Changed tolerance on .300 dimension between lead rows (figure 1, all configurations). Added one vendor. Added "Inactive" notice to page 1. Editorial changes throughout. J.W. | 11 Sep 1990 | Randy Larson |
| G | Changed paragraphs 3.6 and 3.8.1. Editorial changes throughout. J.W. | 26 Aug 1991 | R. Gosciniak |
| H | Changes in accordance with NOR 5999-R001-92 | 09 Sep 1992 | D. Moore |
| J | Editorial changes made throughout. | 18 Sep 2008 | Michael A. Radecki |
| K | Editorial changes made throughout. Removed Approved Source of Supply. | 03 Mar 2014 | Michael A. Radecki |

CURRENT DESIGN ACTIVITY CAGE CODE 037Z3
DEFENSE LOGISTICS AGENCY
LAND AND MARITIME
COLUMBUS, OHIO 43218-3990

INACTIVE FOR NEW DESIGN
Delay lines contained herein which have qualified [MIL-PRF-83532](#) sources are inactive for new design effective on the date of Revision F. Delay lines not covered by [MIL-PRF-83532](#) may continue to be procured to this drawing.

Prepared in accordance with ASME Y14.100

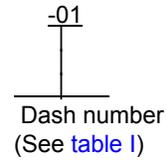
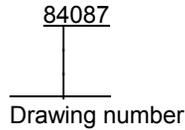
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| REV STATUS OF PAGES | REV | K | K | K | K | K | K | K | K | K | K | K | K | K | K | K | |
| | PAGES | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | |

| | | | | |
|--------------------------------------|--|---------------------------------|---|--------------------------------|
| PMIC N/A | PREPARED BY Christopher A. Rauch | | DESIGN ACTIVITY DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OH 45444-5000 | |
| Original date of drawing 84-09-04 | CHECKED BY Randy Larson | | TITLE DELAY LINES, 1 TO 5 TAPS, 14-PIN DIP COMPATIBLE, T ² L INTERFACED | |
| | APPROVED BY Ivan R. Jones | | | |
| | SIZE A | CODE IDENT. NO. 14933 | | DWG NO. 84087 |
| | REV K | | PAGE 1 OF 15 | |

1. SCOPE

1.1 Scope. This drawing describes the requirements for a family of delay lines, 1 to 5 taps, 14-pin DIP compatible.

1.2 Part or Identifying Number (PIN). The complete PIN shall be as shown in the following example:



2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE SPECIFICATIONS

- MIL-STD-31000 - Technical Data Packages.
- MIL-DTL-19491 - Semiconductor Devices, Packaging of.
- MIL-PRF-83532 - Delay Lines, Active, General Specification for.

DEPARTMENT OF DEFENSE STANDARD

- MIL-STD-202 - Electronic and Electrical Component Parts.

(Copies of these documents are available online at <http://quicksearch.dla.mil/> or <https://assist.dla.mil/> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

AMERICAN SOCIETY FOR TESTING AND MATERIALS INTERNATIONAL (ASTM)

- ASTM-B339 - Pig Tin.
- ASTM-B545 - Tin, Electrodeposited Coatings of.

(Copies of these documents are available online at <http://www.astm.org/> or from American Society and Testing and Materials International (ASTM), 100 Barr Harbor Drive, P.O. Box C700, West Conshohocken, PA, 19428-2959)

2.4 Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

| | | | |
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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 2 |

3. REQUIREMENTS

3.1 Interpretation. This drawing shall be interpreted in accordance with [MIL-STD-31000](#).

3.2 Case material. Case material shall be in accordance with [MIL-PRF-83532](#).

3.3 Dimensions and configurations. See [figure 1](#).

3.4 Terminal material. Terminal material shall be copper, nickel, or alloy 42, tin plated in accordance with [ASTM-B339](#) or [ASTM-B545](#).

3.5 Temperature coefficient of delay (dash numbers -01 through -36 only). 2 ns + 500 ppm/°C maximum at output.

3.6 Delay times. See [table I](#).

3.7 Delay tolerance. ±2 ns or ±5 percent, whichever is greater.

3.7.1 Delay variance (dash numbers -37 through -77 only). Delay variance shall be ±2 ns or 2 percent, whichever is greater, over the temperature range of -55°C to +125°C at 5 V dc (supply voltage) ±10 percent.

3.8 Rise time. Rise time at any tap shall be 4 ns maximum.

3.9 Pulse width. Minimum operating pulse width shall be 20 percent of total delay time and maximum operating duty cycle is 50 percent.

3.10 Supply voltage (V_{CC}). 4.5 V dc to 5.5 V dc.

3.11 Logic 1 input current. 50 µA maximum.

3.12 Logic 0 input current. -2 mA maximum.

3.13 Logic 1, V_{OUT}. 2.5 V minimum.

3.14 Logic 0, V_{OUT}. 0.5 V maximum.

3.15 Logic 1 fan-out. 20/tap maximum (1 tap is capable of driving 20 TTL inputs).

3.16 Logic 0 fan-out. 10/tap maximum (1 tap is capable of driving 10 TTL inputs).

3.17 Power dissipation. 385 mW maximum at any tap.

3.18 Thermal shock. Method 107, [MIL-STD-202](#), test condition B-1, 15 minutes at temperature extremes. Five minutes at +25°C following each extreme condition.

3.19 Sealing. As specified in [MIL-PRF-83532](#).

3.20 Terminal strength. [MIL-STD-202](#), method 211, test condition C and in accordance with [MIL-PRF-83532](#).

3.21 Vibration. [MIL-STD-202](#), method 204, test condition B and in accordance with [MIL-PRF-83532](#).

3.22 Shock. [MIL-STD-202](#), method 213, test condition D and in accordance with [MIL-PRF-83532](#).

3.23 Immersion. [MIL-STD-202](#), method 104, test condition A and in accordance with [MIL-PRF-83532](#).

3.24 Moisture resistance. As specified in [MIL-PRF-83532](#).

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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE | CODE IDENT NO. | DWG NO. |
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| | | REV K | SHEET 3 |

3.25 Solderability. As specified in [MIL-PRF-83532](#).

3.26 Resistance to solvents. As specified in [MIL-PRF-83532](#).

3.27 Operating temperature range. -55°C to +125°C.

3.28 Storage temperature. -65°C to +130°C.

3.29 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.30 Manufacturer eligibility. To be eligible for listing as an approved source of supply, a manufacturer shall be listed on the [MIL-PRF-83532](#) Qualified Product List for at least one part, or perform the group A and group B inspections specified herein on a sample of parts agreed upon by the manufacturer and DSCC-VA.

3.31 Certificate of compliance. A certificate of compliance shall be required from manufacturers requesting to be an approved source of supply.

3.32 Pure tin. The use of pure tin, as an underplate or final finish is prohibited both internally and externally. Tin content of resistor components and solder shall not exceed 97 percent, by mass. Tin shall be alloyed with a minimum of 3 percent lead, by mass (see [6.3](#)).

3.33 Marking. Marking shall be in accordance with [MIL-PRF-83532](#), except the military PIN shall be as specified in [1.2](#) herein.

3.34 Workmanship. Delay line shall be free of flash pits, voids, and excessive mold marks. Visible parting lines are acceptable. The Delay line shall be uniform in quality and free from any defects that will affect life, serviceability, or appearance.

4. QUALITY ASSURANCE PROVISIONS

4.1 Sampling and inspection. Unless otherwise specified, sampling and inspection procedures shall be performed in accordance with Inspection of product for delivery shall consist of compliance with the group A inspection of [MIL-PRF-83532](#).

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in [MIL-DTL-19491](#), the contract or order (see [6.2](#)). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE | CODE IDENT NO. | DWG NO. |
| | A | 14933 | 84087 |
| | | REV K | SHEET 4 |

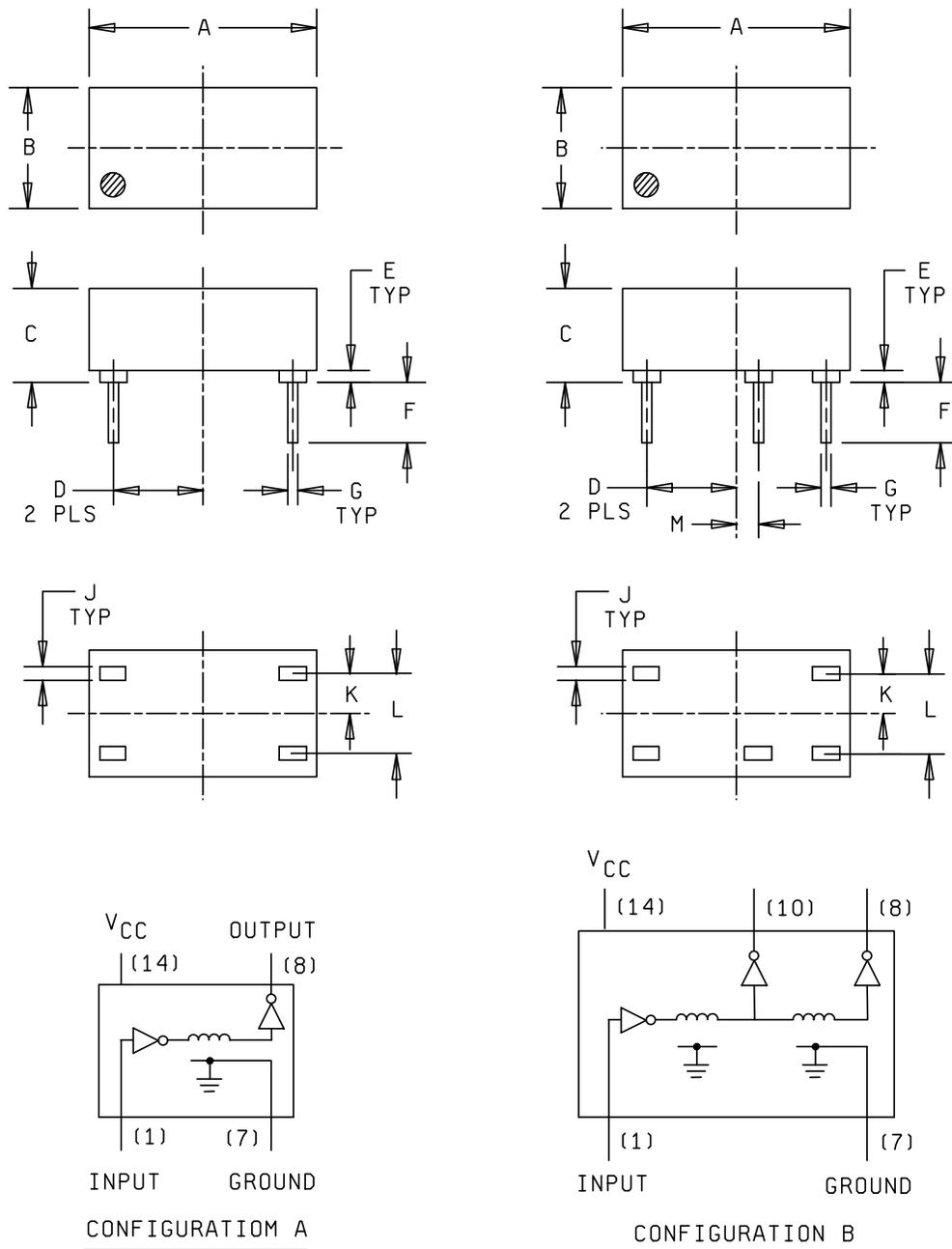


FIGURE 1. Dimensions and configurations.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 5 |

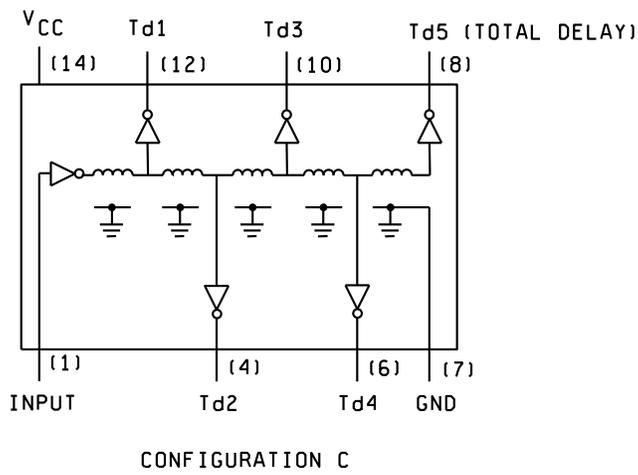
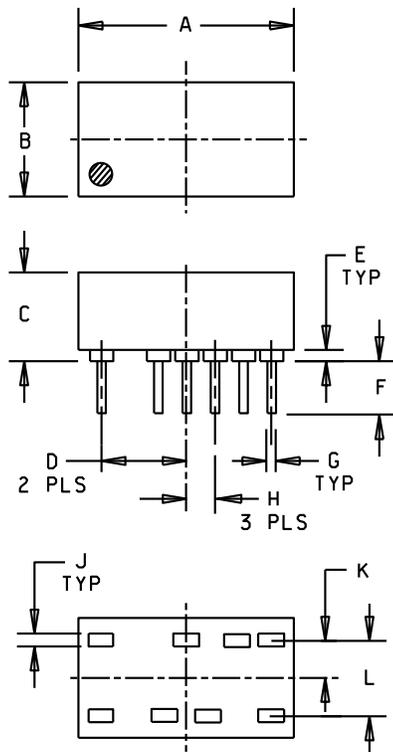
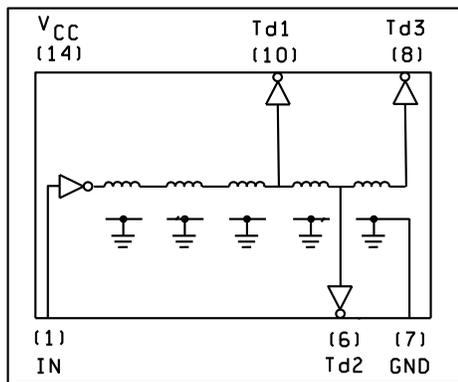
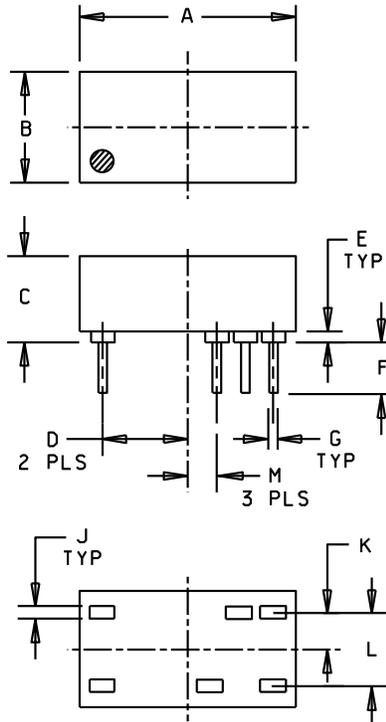


FIGURE 1. Dimensions and configurations - Continued.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 6 |



CONFIGURATION D

FIGURE 1. Dimensions and configurations - Continued.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 7 |

| Ltr | Inches | | mm | |
|-----|--------|------|------|-------|
| | Min | Max | Min | Max |
| A | --- | .820 | --- | 20.83 |
| B | --- | .410 | --- | 10.41 |
| C | --- | .360 | --- | 9.14 |
| D | .295 | .305 | 7.49 | 7.75 |
| E | .015 | --- | 0.38 | --- |
| F | .125 | .200 | 3.18 | 5.08 |
| G | .018 | .022 | 0.46 | 0.56 |
| H | .095 | .105 | 2.41 | 2.67 |
| J | .010 | .014 | 0.25 | 0.35 |
| K | .145 | .155 | 3.68 | 3.94 |
| L | .290 | .310 | 7.37 | 7.87 |

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Black dot represents the location of pin 1.
4. Location and shape of standoffs are optional. Height shall be as indicated.
5. Leads shall be free of case meniscus and other foreign material and shall be solderable for a minimum of .010 inches above the seating plane of the delay line.

FIGURE 1. Dimensions and configurations - Continued.

| | | | |
|---|-------------------------|---------------------------------------|--------------------------------|
| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 8 |

TABLE I. PIN's and delay values.

| PIN 84087- | Delay at pin 12 (ns) | Delay at pin 4 (ns) | Delay at pin 10 (ns) | Delay at pin 6 (ns) | Delay at pin 8 (ns) | Number of delays | Configuration |
|----------------------------|---------------------------|----------------------------|----------------------------|-----------------------------|---------------------------------|------------------|---------------|
| 01 02 03 04 | N/A | N/A | N/A | N/A | 10 | 1 | A |
| 20 | | | | | | | |
| 30 40 | | | | | | | |
| 05 06 07 08 | | | | | 50 60 80 100 | | |
| 09 10 11 12 13 | | | | | 150 200 300 400 500 | | |
| 14 15 16 17 | N/A | N/A | 10 | N/A | 20 | 2 | B |
| 18 19 20 21 | | | 20 25 30 | | 40 50 60 | | |
| 22 23 24 25 | | | 40 50 75 100 | | 80 100 150 200 | | |
| 26 27 28 29 30 | 5 10 15 20 25 | 10 20 30 40 50 | 15 30 45 60 75 | 20 40 60 80 100 | 25 50 75 100 125 | 5 | C |
| 31 32 33 34 | 30 40 50 60 | 60 80 100 120 | 90 120 150 180 | 120 160 200 240 | 150 200 250 300 | | |
| 35 36 | 80 100 | 160 200 | 240 300 | 320 400 | 400 500 | | |

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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 9 |

TABLE I. PIN's and delay values - Continued.

| PIN 84087- | Delay at pin 12 (ns) | Delay at pin 4 (ns) | Delay at pin 10 (ns) | Delay at pin 6 (ns) | Delay at pin 8 (ns) | Number of delays | Configuration |
|--|----------------------------|---------------------------|---|---|--|------------------------|---------------|
| 37 38 39 40 | N/A | N/A | N/A | N/A | 10 | 1 | A |
| 41 42 43 44 | | | | | 20 | | |
| 45 46 47 48 49 | | | | | 30 | | |
| | | | | | 40 | | |
| | | | | | 50 | | |
| | | | | | 60 | | |
| | | | | | 80 | | |
| | | | | | 100 | | |
| | | | | | 150 | | |
| 50 51 52 53 | N/A | N/A | 10 | N/A | 20 | 2 | B |
| 54 55 56 57 | | | 20 | | 40 | | |
| 58 59 60 61 | | | 25 | | 50 | | |
| | | | 30 | | 60 | | |
| | | | 40 | | 80 | | |
| | | | 50 | | 100 | | |
| | | | 75 | | 150 | | |
| | | | 100 | | 200 | | |
| | | | 150 | | 300 | | |
| 62 63 64 65 66 | N/A | N/A | N/A | N/A | 600 700 800 900 1,000 | 1 | A |
| 67 68 69 70 71 72 73 74 75 | N/A | N/A | 15 30 45 60 75 90 120 150 300 | 20 40 60 80 100 120 160 200 400 | 25 50 75 100 125 150 200 250 500 | 3 | D |
| 76 77 | N/A | N/A | N/A | N/A | 675 725 | 1 | A |

| | | | |
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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 10 |

6. NOTES

6.1 Intended use. Devices conforming to this drawing are intended for use when military specifications do not exist and qualified military devices that will perform the required function are not available for OEM application.

6.2 Ordering data. The contract or purchase order should specify the following:

- a. Complete PIN (see 1.2).
- b. Requirements for delivery of one copy of the conformance inspection data or certificate of compliance that parts have passed conformance inspection with each shipment of parts by the manufacturer.
- c. Requirements for packaging and packing.

6.3 Tin whisker growth. The use of alloys with tin content greater than 97 percent, by mass, may exhibit tin whisker growth problems after manufacture. Tin whiskers may occur anytime from a day to years after manufacture and can develop under typical operating conditions, on products that use such materials. Conformal coatings applied over top of a whisker-prone surface will not prevent the formation of tin whiskers. Alloys of 3 percent lead, by mass, have shown to inhibit the growth of tin whiskers. For additional information on this matter, refer to [ASTM-B545](#) (Standard Specification for Electrodeposited Coatings of Tin).

6.4 Users of record. Coordination of this document for future revisions is coordinated only with the approved source(s) of supply and the users of record of this document. Requests to be added as a recorded user of this drawing may be achieved online at <mailto:relay@dla.mil> or if in writing to: DLA Land and Maritime, Columbus, ATTN: DLA Land and Maritime/VAT, Post Office Box 3990, Columbus, OH 43218-3990 or by telephone (614) 692-4481 or DSN 850-4481.

6.5 Approved source(s) of supply. Approved source(s) of supply are listed herein. Additional sources will be added as they become available. Assistance in the use of this drawing may be obtained online at <mailto:relay@dla.mil>, or by contacting DLA Land and Maritime, Columbus, ATTN: DLA Land and Maritime-VAT, Post Office Box 3990, Columbus, OH 43218-3990 or by telephone (614) 692-4481 or DSN 850-4481.

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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE | CODE IDENT NO. | DWG NO. |
| | A | 14933 | 84087 |
| | | REV K | SHEET 11 |

| DLA Land and Maritime drawing PIN 84087- | Similar Vendor PIN – Continued 1/ | | |
|---|---|---------------|---------------|
| | CAGE 00222 | CAGE 22519 | CAGE 27685 |
| 01 | 14GC10 | DDU4-8833-1 | 082376-501 |
| 02 | 14GC20 | DDU4-8833-2 | 082376-502 |
| 03 | 14GC30 | DDU4-8833-3 | 082376-503 |
| 04 | 14GC40 | DDU4-8833-4 | 082376-504 |
| 05 | 14GC50 | DDU4-8833-5 | 082376-505 |
| 06 | 14GC60 | DDU4-8833-6 | 082376-506 |
| 07 | 14GC80 | DDU4-8833-7 | 082376-507 |
| 08 | 14GC100 | DDU4-8833-8 | 082376-508 |
| 09 | 14GC150 | DDU4-8833-9 | 082376-509 |
| 10 | 14GC200 | DDU4-8833-10 | 082376-510 |
| 11 | 14GC300 | DDU4-8833-11 | 082376-511 |
| 12 | 14GC400 | DDU4-8833-12 | 082376-512 |
| 13 | 14GC500 | DDU4-8833-13 | 082376-513 |
| 14 | 14SC14 | DDU4-8833-14 | 82376-514 |
| 15 | 14SC15 | DDU4-8833-15 | 082376-515 |
| 16 | 14SC16 | DDU4-8833-16 | 082376-516 |
| 17 | 14SC17 | DDU4-8833-17 | 082376-517 |
| 18 | 14SC18 | DDU4-8833-18 | 082376-518 |
| 19 | 14SC19 | DDU4-8833-19 | 082376-519 |
| 20 | 14SC20 | DDU4-8833-20 | 082376-520 |
| 21 | 14SC21 | DDU4-8833-21 | 082376-521 |
| 22 | 14SC22 | DDU4-8833-22 | 082376-522 |
| 23 | 14SC23 | DDU4-8833-23 | 082376-523 |
| 24 | 14SC24 | DDU4-8833-24 | 082376-524 |
| 25 | 14SC25 | DDU4-8833-25 | 082376-525 |
| 26 | 14TC25 | DDU4-8833-26 | 082376-526 |

See footnote at end of table.

| | | | |
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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 12 |

| DLA Land and Maritime drawing PIN 84087- | Similar Vendor PIN – Continued 1/ | | |
|---|---|---------------|---------------|
| | CAGE 00222 | CAGE 22519 | CAGE 27685 |
| 27 | 14TC50 | DDU4-8833-27 | 082376-527 |
| 28 | 14TC75 | DDU4-8833-28 | 082376-528 |
| 29 | 14TC100 | DDU4-8833-29 | 082376-529 |
| 30 | 14TC125 | DDU4-8833-30 | 082376-530 |
| 31 | 14TC150 | DDU4-8833-31 | 082376-531 |
| 32 | 14TC200 | DDU4-8833-32 | 082376-532 |
| 33 | 14TC250 | DDU4-8833-33 | 082376-533 |
| 34 | 14TC300 | DDU4-8833-34 | 082376-534 |
| 35 | 14TC400 | DDU4-8833-35 | 082376-535 |
| 36 | 14TC500 | DDU4-8833-36 | 082376-536 |
| 37 | 14GC10S | DDU4-8833-37 | 082376-537 |
| 38 | 14GC20S | DDU4-8833-38 | 082376-538 |
| 39 | 14GC30S | DDU4-8833-39 | 082376-539 |
| 40 | 14GC40S | DDU4-8833-40 | 082376-540 |
| 41 | 14GC50S | DDU4-8833-41 | 082376-541 |
| 42 | 14GC60S | DDU4-8833-42 | 082376-542 |
| 43 | 14GC80S | DDU4-8833-43 | 082376-543 |
| 44 | 14GC100S | DDU4-8833-44 | 082376-544 |
| 45 | 14GC150S | DDU4-8833-45 | 082376-545 |
| 46 | 14GC200S | DDU4-8833-46 | 082376-546 |
| 47 | 14GC300S | DDU4-8833-47 | 082376-547 |
| 48 | 14GC400S | DDU4-8833-48 | 082376-548 |
| 49 | 14GC500S | DDU4-8833-49 | 082376-549 |
| 50 | 14SC26 | DDU4-8833-50 | 082376-550 |
| 51 | 14SC27 | DDU4-8833-51 | 082376-551 |
| 52 | 14SC28 | DDU4-8833-52 | 082376-552 |

See footnote at end of table.

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| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 13 |

| DLA Land and Maritime drawing PIN 84087- | Similar Vendor PIN – Continued 1/ | | |
|--|---|--------------|------------|
| | CAGE 00222 | CAGE 22519 | CAGE 27685 |
| 53 | 14SC29 | DDU4-8833-53 | 082376-553 |
| 54 | 14SC30 | DDU4-8833-54 | 082376-554 |
| 55 | 14SC31 | DDU4-8833-55 | 082376-555 |
| 56 | 14SC32 | DDU4-8833-56 | 082376-556 |
| 57 | 14SC33 | DDU4-8833-57 | 082376-557 |
| 58 | 14SC34 | DDU4-8833-58 | 082376-558 |
| 59 | 14SC35 | DDU4-8833-59 | 082376-559 |
| 60 | 14SC36 | DDU4-8833-60 | 082376-560 |
| 61 | 14SC37 | DDU4-8833-61 | 082376-561 |
| 62 | 14GC600S | DDU4-8833-62 | 082376-562 |
| 63 | 14GC700S | DDU4-8833-63 | 082376-563 |
| 64 | 14GC800S | DDU4-8833-64 | 082376-564 |
| 65 | 14GC900S | DDU4-8833-65 | 082376-565 |
| 66 | 4GC1000S | DDU4-8833-66 | 082376-566 |
| 67 | 14SC38 | DDU4-8833-67 | 082376-567 |
| 68 | 14SC39 | DDU4-8833-68 | 082376-568 |
| 69 | 14SC40 | DDU4-8833-69 | 082376-569 |
| 70 | 14SC41 | DDU4-8833-70 | 082376-570 |
| 71 | 14SC42 | DDU4-8833-71 | 082376-571 |
| 72 | 14SC43 | DDU4-8833-72 | 082376-572 |
| 73 | 14SC44 | DDU4-8833-73 | 082376-573 |
| 74 | 14SC45 | DDU4-8833-74 | 082376-574 |
| 75 | 14SC46 | DDU4-8833-75 | 082376-575 |
| 76 | 14SC47 | DDU4-8833-76 | 082376-576 |
| 77 | 14SC48 | DDU4-8833-77 | 082376-577 |

[1/](#) Parts must be purchased to the DLA Land and Maritime PIN to assure that all performance requirements and tests are met.

| | | | |
|---|------------------|--------------------------------|-------------------------|
| DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO | SIZE A | CODE IDENT NO. 14933 | DWG NO. 84087 |
| | | REV K | SHEET 14 |

Vendor CAGE
number

Vendor name
and address

00222

ESC Electronics Incorporated
33 Comac Loop
Ronkonkoma, NU 11779-6858
Phone: (631) 467-5328

27685

Spectrum Microwave, Inc.
23 North Division Street
Auburn, NY 13021-2357
Phone: (315) 237-6625

22519

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