

**DLA Land and Maritime - VQ**  
**Supplemental Information Sheet for Electronic QPL-55681**

Date: 9/3/2019

**Specification Details:**

Specification: MIL-PRF-55681

Title: Capacitor, Chip, Multiple Layer, Fixed, Unencapsulated, Ceramic Dielectric

Federal Supply Class (FSC): 5910

Conventional: No

Specification contains quality assurance program: No

MIL-STD-790 Established Reliability & High Reliability: Yes

MIL-STD-690 Failure Rate Sampling Plans & Procedures: Yes

Weibull Graded: No

Specification contains space level reliability requirements: No

Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP

Primary Qualifying Activity Contact: 614-692-2063, e-mail: vqp.ahc@dla.mil

Secondary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@dla.mil

**Notes:**

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH.

The activity designated as agent for all contacts relative to this QPL is DLA Land and Maratime - VQ, Columbus, OH 43218-3990.

Contact the manufacturer or refer to the manufacturers website for a list of Authorized Distributors.

**Part Configuration:**

CDR01BX100AKZM

| Style | Rated Temperature and Voltage | Capacitance | Rated Voltage | Capacitance Tolerance | Termination Finish | Product Level Designator |
|-------|-------------------------------|-------------|---------------|-----------------------|--------------------|--------------------------|
| CDR01 | BX                            | 100         | A             | K                     | Z                  | M                        |

**PART LISTINGS**

| GOVERNMENT DESIGNATION  | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---------------------------------|---------------------|--|
| <b>CDR01</b>  |   |                                 |                     |  |
| 10 pF thru 4700 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S   | 0805-CDR01                                | 55681-399-79                    | /1                  | AVX Ceramics Corp.                     |
| 10 pF thru 4700 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S         | C0805                                     | 55681-1992-07; 55681-887-73     | /1                  | Kemet Electronics Corp.                |
| 10 pF thru 4700 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z, ; life failure rate M, P, R, S          | HR0805                                    | 55681-659-85                    | /1                  | Presidio Components, Inc.              |
| 10 pF thru 4700 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S         | VJ7501A560                                | 55681-2437-09                   | /1                  | Vishay Israel LTD                      |
| <b>CDR02</b>  |   |                                 |                     |  |
| 220 pF thru 22000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1805-CDR02                                | 55681-399-79                    | /1                  | AVX Ceramics Corp.                     |
| 220 pF thru 22000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C1805                                     | 123-1922-07; 55681-888-73       | /1                  | Kemet Electronics Corp.                |
| 3900 pF thru 22000 pF; tols. K, M; in 50, 100 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z, ; life failure rate M, P, R, S              | HR1805                                    | 55681-049-00                    | /1                  | Presidio Components, Inc.              |
| 220 pF thru 22000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJX505                                    | 55681-2437-09                   | /1                  | Vishay Israel LTD                      |

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| <b>CDR03</b>  |   |                                 |                     |  |
| 330 pF thru 68000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S   | 1808-CDR03                                | 55681-400-79                    | /1                  | AVX Ceramics Corp.                     |
| 330 pF thru 68000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S         | C1808                                     | 123-1922-07; 55681-889-73       | /1                  | Kemet Electronics Corp.                |
| 330 pF thru 68000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S            | HR1808                                    | 55681-660-85                    | /1                  | Presidio Components, Inc.              |
| 330 pF thru 68000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S         | VJX506                                    | 55681-2437-09                   | /1                  | Vishay Israel LTD                      |
| <b>CDR04</b>  |   |                                 |                     |  |
| 1200 pF thru 180000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1812-CDR04                                | 55681-400-79                    | /1                  | AVX Ceramics Corp.                     |
| 1200 pF thru 180000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C1812                                     | 123-1924-07; 55681-890-73       | /1                  | Kemet Electronics Corp.                |
| 1200 pF thru 3300 pF; tols. J, K; in 100 volts; BP rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                       | HR1812                                    | 55681-049-00                    | /1                  | Presidio Components, Inc.              |
| 39000 pF thru 180000 pF; tols. K, M; in 50, 100 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                | HR1812                                    | 55681-049-00                    | /1                  | Presidio Components, Inc.              |
| 1200 pF thru 180000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJX507                                    | 55681-2437-09                   | /1                  | Vishay Israel LTD                      |
| <b>CDR05</b>  |   |                                 |                     |  |
| 3900 pF thru 330000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1825-CDR05                                | 55681-401-79                    | /2                  | AVX Ceramics Corp.                     |
| 3900 pF thru 330000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C1825                                     | 55681-1989-07; 55681-891-73     | /2                  | Kemet Electronics Corp.                |
| 3900 pF thru 5600 pF; tols. J, K; in 100 volts; BP rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                       | HR1825                                    | 55681-049-00                    | /2                  | Presidio Components, Inc.              |
| 68000 pF thru 330000 pF; tols. K, M; in 50, 100 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                | HR1825                                    | 55681-049-00                    | /2                  | Presidio Components, Inc.              |
| <b>CDR06</b>  |   |                                 |                     |  |
| 6800 pF thru 470000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 2225-CDR06                                | 55681-401-79                    | /3                  | AVX Ceramics Corp.                     |
| 6800 pF thru 470000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C2225                                     | 55681-1994-07; 55681-892-73     | /3                  | Kemet Electronics Corp.                |
| 6800 pF thru 470000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S          | HR2225                                    | 55681-049-00                    | /3                  | Presidio Components, Inc.              |
| 6800 pF thru 470000 pF; tols. J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJ2225                                    | 55681-2437-09                   | /3                  | Vishay Israel LTD                      |

| PART LISTINGS   |  |   |                     |  |
|---|--|---|---------------------|--|
| GOVERNMENT DESIGNATION  | MANUFACTURER'S DESIGNATION OR TYPE NUMBER                    | TEST OR QUALIFICATION REFERENCE                                   | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE)                                       |
| <b>CDR11</b>  |  |   |                     |  |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 150 volts; BG, BP rated temp. and volt. temp. limits; term. N; life failure rate M, P, R, S                       | 100A (0.1-100pF),<br>700A (110-1000pF),<br>710A (0.1-100pF)  | 55681-3872-13;<br>55681-72-95                                     | /4                  | American Technical Ceramics Corporation                                      |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50 volts; BG, BP rated temp. and volt. temp. limits; term. M, N; life failure rate M, P, R, S                              | AQ11   | 55681-850-85  | /4                  | AVX Ceramics Corp.   |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 150 volts; BG, BP rated temp. and volt. temp. limits; term. M, N; life failure rate M, P, R, S                    | HR0505   | 55681-709-03  | /4                  | Presidio Components, Inc.  |
| <b>CDR12</b>  |  |   |                     |  |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 150 volts; BG, BP rated temp. and volt. temp. limits; term. S, U, Z; life failure rate M, P, R, S                 | 100A (0.1-100pF),<br>700A (110-1000pF),<br>710A (0.1-100pF)  | 55681-3873-13;<br>55681-3874-13;<br>55681-3875-13;<br>55681-72-95 | /4                  | Avio Excelente S. de R.L. de C.V.<br>American Technical Ceramics Corporation |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50 volts; BG, BP rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S                     | AQ12   | 55681-850-85  | /4                  | AVX Ceramics Corp.   |
| .1 pF thru 1000 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 150 volts; BG, BP rated temp. and volt. temp. limits; term. M, S, U, Z; ; life failure rate M, P, R, S            | HR0505   | 55681-709-03  | /4                  | Presidio Components, Inc.  |
| <b>CDR13</b>  |  |   |                     |  |
| .1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. N; life failure rate M, P, R, S             | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-266-7T  | /4                  | American Technical Ceramics Corporation                                      |
| .1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. M, N; life failure rate M, P, R, S          | AQ13   | 55681-851-85  | /4                  | AVX Ceramics Corp.   |
| 220 pF thru 470 pF; tols. F, G, J, K, M, , , ; in 200 volts; BG, BP rated temp. and volt. temp. limits; term. M, N, , , ; life failure rate M, P, R, S                          | HR1010   | 55681-4093-14;<br>55681-5046-18                                   | /4                  | Presidio Components, Inc.  |
| .1 pF thru 200 pF; tols. B, C, D, F, G, J, K, M; in 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. M, N; life failure rate M, P, R, S                    | HR1010   | 55681-049-00;<br>55681-4093-14;<br>55681-5046-18                  | /4                  | Presidio Components, Inc.  |
| <b>CDR14</b>  |  |   |                     |  |
| .1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. S, U, Z; life failure rate M, P, R, S       | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-267-7T  | /4                  | Avio Excelente S. de R.L. de C.V.<br>American Technical Ceramics Corporation |
| .1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S | AQ14   | 55681-852-85  | /4                  | AVX Ceramics Corp.   |
| 220 pF thru 470 pF; tols. F, G, J, K, M; in 200 volts; BG, BP rated temp. and volt. temp. limits; term. U, Z; life failure rate M, P, R, S                                      | HR1010   | 55681-4093-14;<br>55681-5046-18                                   | /4                  | Presidio Components, Inc.  |
| .1 pF thru 200 pF; tols. B, C, D, F, G, J, K, M; in 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. U, Z; life failure rate M, P, R, S                    | HR1010   | 55681-4093-14;<br>55681-5046-18                                   | /4                  | Presidio Components, Inc.  |
| <b>CDR21</b>  |  |   |                     |  |
| .1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. T; life failure rate M, P, R                | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-268-7T  | /5                  | American Technical Ceramics Corporation                                      |

| PART LISTINGS   |  |                                 |                     |   |
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| <b>CDR22</b><br>.1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. T; life failure rate M, P, R    | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-269-7T                    | /5                  | American Technical Ceramics Corporation |
| <b>CDR23</b><br>.1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. S; life failure rate M, P, R    | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-270-7T                    | /5                  | American Technical Ceramics Corporation |
| <b>CDR24</b><br>.1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. T; life failure rate M, P, R    | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-268-7T                    | /5                  | American Technical Ceramics Corporation |
| <b>CDR25</b><br>.1 pF thru 5100 pF; tols. B, C, D, F, G, J, K, M; in 50, 100, 200, 300, 500 volts; BG, BP rated temp. and volt. temp. limits; term. S; life failure rate M, P, R    | 100B (0.1-1000pF),<br>700B (220-5100pF),<br>710B (0.1-200pF) | 55681-271-7T                    | /5                  | American Technical Ceramics Corporation |
| <b>CDR31</b><br>1 pF thru 18000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 0805   | 55681-9-90                      | /7                  | AVX Ceramics Corp.                      |
| 1 pF thru 18000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S                       | C0805  | 55681-1992-07;<br>55681-345-85  | /7                  | Kemet Electronics Corp.                 |
| 1 pF thru 18000 pF; tols. B, C, D, F, G, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z, ; life failure rate M, P, R, S                     | HR0805   | 55681-049-00                    | /7                  | Presidio Components, Inc.               |
| 1 pF thru 18000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S                       | VJ805A5  | 55681-2437-09                   | /7                  | Vishay Israel LTD                       |
| <b>CDR32</b><br>1 pF thru 39000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1206   | 55681-10-90                     | /8                  | AVX Ceramics Corp.                      |
| 1 pF thru 39000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S                       | C1206  | 55681-1991-07;<br>55681-346-85  | /8                  | Kemet Electronics Corp.                 |
| 1 pF thru 39000 pF; tols. B, C, D, F, G, J, K, M; in 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z, ; life failure rate M, P, R, S                         | HR1206   | 55681-049-00                    | /8                  | Presidio Components, Inc.               |
| 1 pF thru 39000 pF; tols. F, J, K; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z, ; life failure rate M, P, R, S                                    | HR1206   | 55681-049-00                    | /8                  | Presidio Components, Inc.               |
| 1 pF thru 39000 pF; tols. B, C, D, F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S                       | VJX503   | 55681-2437-09                   | /8                  | Vishay Israel LTD                       |
| <b>CDR33</b><br>1000 pF thru 100000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S      | 1210   | 55681-11-90                     | /9                  | AVX Ceramics Corp.                      |
| 1000 pF thru 100000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S                            | C1210  | 55681-1990-07;<br>55681-347-85  | /9                  | Kemet Electronics Corp.                 |

| PART LISTINGS  |   |                                 |                     |  |
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| 1000 pF thru 100000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S          | HR1209                                    | 55681-049-00                    | /9                  | Presidio Components, Inc.              |
| 1000 pF thru 100000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJX504                                    | 55681-2437-09                   | /9                  | Vishay Israel LTD                      |
| <b>CDR34</b>   |   |                                 |                     |  |
| 2200 pF thru 180000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1812                                      | 55681-12-90                     | /10                 | AVX Ceramics Corp.                     |
| 2200 pF thru 180000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C1812                                     | 123-1924-07;<br>55681-348-85    | /10                 | Kemet Electronics Corp.                |
| 27000 pF thru 180000 pF; tols. K, M; in 50, 100 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                   | HR1712                                    | 55681-049-00                    | /10                 | Presidio Components, Inc.              |
| 2200 pF thru 4700 pF; tols. F, J, K; in 100 volts; BP rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                       | HR1712                                    | 55681-049-00                    | /10                 | Presidio Components, Inc.              |
| 5100 pF thru 10000 pF; tols. F, J, K; in 50 volts; BP rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                       | HR1712                                    | 55681-049-00                    | /10                 | Presidio Components, Inc.              |
| 2200 pF thru 180000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJX508                                    | 55681-2437-09                   | /10                 | Vishay Israel LTD                      |
| <b>CDR35</b>   |   |                                 |                     |  |
| 4700 pF thru 470000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, N, S, U, W, Y, Z; life failure rate M, P, R, S | 1825                                      | 55681-13-90                     | /11                 | AVX Ceramics Corp.                     |
| 4700 pF thru 470000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. S, U, W, Y, Z; life failure rate M, P, R, S       | C1825                                     | 55681-349-85                    | /11                 | Kemet Electronics Corp.                |
| 180000 pF thru 470000 pF; tols. K, M; in 50 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S,                      | HR1725                                    | 55681-049-00                    | /11                 | Presidio Components, Inc.              |
| 4700 pF thru 22000 pF; tols. F, J, K; in 50, 100 volts; BP rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S,                 | HR1725                                    | 55681-049-00                    | /11                 | Presidio Components, Inc.              |
| 68000 pF thru 154000 pF; tols. K, M; in 100 volts; BX rated temp. and volt. temp. limits; term. M, S, U, Z; life failure rate M, P, R, S                       | HR1725                                    | 55681-049-00                    | /11                 | Presidio Components, Inc.              |
| 4700 pF thru 470000 pF; tols. F, J, K, M; in 50, 100 volts; BP, BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S       | VJ805A5                                   | 55681-2437-09                   | /11                 | Vishay Israel LTD                      |
| <b>CDR36</b>   |   |                                 |                     |  |
| 1200 pF thru 100000 pF; tols. J, K, M; in 16, 25, 50, 100 volts; BR rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S      | VJ0603                                    | 55681-4822-17                   | /12                 | Vishay Israel, Ltd.                    |
| 100 pF thru 56000 pF; tols. J, K, M; in 16, 25, 50, 100 volts; BX rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S        | VJ0603                                    | 55681-4822-17                   | /12                 | Vishay Israel, Ltd.                    |
| .5 pF thru 1000 pF; tols. C, D, F, G, J; in 25, 50, 100 volts; BP rated temp. and volt. temp. limits; term. M, U, W, Y, Z; life failure rate M, P, R, S        | VJ0603                                    | 55681-4822-17                   | /12                 | Vishay Israel, Ltd.                    |

**PART LISTINGS**

| GOVERNMENT DESIGNATION   | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|--|---|---------------------------------|---------------------|--|
| <b>CDR37</b>   |   |                                 |                     |  |
| 100 pF thru 10000 pF; tols. J, K, M; in 50 volts; BR rated temp. and volt. temp. limits; term. U, W, Y, Z; life failure rate M, P, R, S    | VJX501                                    | 55681-4822-17                   | /13                 | Vishay Israel Limited                  |
| 100 pF thru 8200 pF; tols. J, K, M; in 50 volts; BX rated temp. and volt. temp. limits; term. U, W, Y, Z; life failure rate M, P, R, S     | VJX501                                    | 55681-4822-17                   | /13                 | Vishay Israel Limited                  |
| 1 pF thru 150 pF; tols. C, D, F, G, J; in 100 volts; BP rated temp. and volt. temp. limits; term. U, W, Y, Z; life failure rate M, P, R, S | VJX501                                    | 55681-4822-17                   | /13                 | Vishay Israel Limited                  |

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## Manufacturer and Supplier Location Information

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**Manufacturer: American Technical Ceramics (CAGE Code: 29990)**

Location: One Norden Lane, Huntington Station, NY 11746-2142, US

Plants:

1. Avio Excelente S. de R.L. de C.V., CAGE: 29990, American Technical Ceramics, Avenida San Lorenzo #651, Parque Industrial Omega, Juarez, Cd. Juarez, Chihuahua 32640, Mexico

**Manufacturer: AVX Corporation (CAGE Code: 04222)**

Location: Ceramics Division, P.O. Box 867, 2200 AVX Drive, Myrtle Beach, SC 29577-0867, US

Plants:

1. AVX Corporation, CAGE: S9915, Ceramic Div, Av. San Lorenzo No. 651, Area Rivereno C.P., 32310 Cd Juarez, Chihuahua, Mexico, Mexico

**Manufacturer: Kemet Electronics Corporation (CAGE Code: 31433)**

Location: 2835 Kemet Way, Simpsonville, SC 29681-2457, US

Plants:

1. Kemet de Mexico, S.A. de C.V., Avenida Eloy Cavazos 7908 Ote., Col. Rancho Viejo, Guadalupe, N.L., MX

**Manufacturer: Presidio Components, Inc. (CAGE Code: 60212)**

Location: P.O. Box 81576, 7169 Construction Court, San Diego, CA 92138-1576, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Vishay Israel, Ltd. (CAGE Code: 2770A)**

Location: 4 Nahal Tzvi Street, Migdal Ha'Emek, Israel

Plants:

1. Plant: Same Address as Manufacturer