**Specification Details:** **Date: 1/13/2020**

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 Temperature Limits | 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 | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **CDR01** | | | | |
| 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 |
| **CDR02** | | | | |
| 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 |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **CDR03** | | | | |
| 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 |
| **CDR04** | | | | |
| 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 |
| **CDR05** | | | | |
| 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. |
| **CDR06** | | | | |
| 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 |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **CDR11** | | | | |
| .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), 700A (110-1000pF), 710A (0.1-100pF) | 55681-3872-13; 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. |
| **CDR12** | | | | |
| .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), 700A (110-1000pF), 710A (0.1-100pF) | 55681-3873-13; 55681-3874-13; 55681-3875-13; 55681-72-95 | /4 | Avio Excelente S. de R.L. de C.V. 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. |
| **CDR13** | | | | |
| .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), 700B (220-5100pF), 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; 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; 55681-4093-14; 55681-5046-18 | /4 | Presidio Components, Inc. |
| 510 pF thru 620 pF; tols. F, G, J, K, M; in 100 volts; BG, BP rated temp. and volt. temp. limits; term. M, N; life failure rate M, P, R, S | HR1010 | 55681-4093-14; 55681-5046-18 | /4 | Presidio Components, Inc. |
| 680 pF thru 1000 pF; tols. 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 | HR1010 | 55681-4093-14; 55681-5046-18 | /4 | Presidio Components, Inc. |
| **CDR14** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-267-7T | /4 | Avio Excelente S. de R.L. de C.V. 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; 55681-5046-18 | /4 | Presidio Components, Inc. |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| .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; 55681-5046-18 | /4 | Presidio Components, Inc. |
| 510 pF thru 620 pF; tols. F, G, J, K, M; in 100 volts; BG, BP rated temp. and volt. temp. limits; term. U, Z; life failure rate M, P, R, S | HR1010 | 55681-4093-14; 55681-5046-18 | /4 | Presidio Components, Inc. |
| 680 pF thru 1000 pF; tols. F, G, J, K, M; in 50 volts; BG, BP rated temp. and volt. temp. limits; term. U, Z; life failure rate M, P, R, S | HR1010 | 55681-4093-14; 55681-5046-18 | /4 | Presidio Components, Inc. |
| **CDR21** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-268-7T | /5 | American Technical Ceramics Corporation |
| **CDR22** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-269-7T | /5 | American Technical Ceramics Corporation |
| **CDR23** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-270-7T | /5 | American Technical Ceramics Corporation |
| **CDR24** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-268-7T | /5 | American Technical Ceramics Corporation |
| **CDR25** | | | | |
| .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), 700B (220-5100pF), 710B (0.1-200pF) | 55681-271-7T | /5 | American Technical Ceramics Corporation |
| **CDR31** | | | | |
| 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; 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 |
| **CDR32** | | | | |
| 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; 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. |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| 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 |
| **CDR33** | | | | |
| 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; 55681-347-85 | /9 | Kemet Electronics Corp. |
| 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 |
| **CDR34** | | | | |
| 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; 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 |
| **CDR35** | | | | |
| 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 |

| PART LISTINGS | | | | |
|---|---|---|---|---|
| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| **CDR36** | | | | |
| 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. |
| **CDR37** | | | | |
| 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 |

## Manufacturer and Supplier Location Information

**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: 6KUV2)**

Location: One AVX Blvd, Fountain Inn, SC 29644-9039, US

Plants:

1. AVX Corporation, CAGE: 04222, Ceramic Division, 2200 AVX Drive, Myrtle Beach, SC 29577, US
2. AVX Corporation, CAGE: 6KUV2, Ceramic Capacitors, One AVX Blvd, Fountain Inn, SC 29644,
3. 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