



QUALIFICATIONS VALIDATED  
SEMIANNUALLY

QPL-55342-86  
18 October 2001  
SUPERSEDING  
QPL-55342-85  
30 August 2001

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION

MIL-PRF-55342

RESISTORS, FIXED, FILM, CHIP, NONESTABLISHED RELIABILITY,

ESTABLISHED RELIABILITY, SPACE LEVEL,

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-55342. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

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 the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.

NOTES: An asterisk (\*) adjacent to the product listing indicates that qualified parts listed on the QPL are available through distributors authorized by the manufacturer in accordance with Military Standard MIL-STD-790. Names and addresses of the distributors are listed in the back of this QPL. These lists are being furnished merely as an aid in identifying authorized sources of ER parts and the responsibility for complying with contractual provisions requiring use of such parts rests with the user of such parts. Such lists have been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL for printing.

Inclusion on, or omission from the list of a particular distributor cannot be relied upon as a guarantee of such distributor's status since the information upon which the list is based may not have been complete and since authorized distributors are subject to change by the manufacturer at any time. Inclusion of a firm on such list is not, under any circumstance, to be considered an endorsement of such firm or its products by the Department of Defense.

| GOVERNMENT<br>DESIGNATION  | MANUFACTURER'S<br>DESIGNATION<br>OR TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE                                     | DETAIL<br>SPECIFI-<br>CATION | MANUFACTURER'S NAME<br>(ADDRESS ON LAST PAGE) |
|--|---|---|------------------------------|---|
| M55342/1<br>Char. K, res. values 49.9 ohms thru 1.0 megohm,<br>res. tols. 1.0, 2.0, 5.0, and 10.0 pct.; Char. M,<br>res. values 5.6 ohms thru 1.0 megohm, res. tols.<br>2.0, 5.0, and 10.0 pct., res. values 5.62 ohms<br>thru 1.0 megohm, res. tol. 1.0 pct., terms. B, W,<br>T, and U, product levels C, M, P, R, and S. | J201<br>J203<br>J204<br>J540                    | 55342-21-80<br>55342-1850-86<br>55342-1853-86<br>55342-118-92             | /1                           | Mini-Systems, Inc. (1)                        |
| M55342/1<br>Chars. K and M, res. values 5.6 ohms thru 1.0<br>megohm, res. tols. 2.0, 5.0, and 10.0 pct., res.<br>values 5.62 ohms thru 1.0 megohm, res. tol. 1.0<br>pct., terms. B, C, U, and W, product levels C, M,<br>P, R, S, and T.   | M0502xxx  | 55342-60-83<br>55342-40-83<br>55342-98-91<br>55342-800-87<br>55342-188-94 | /1                           | State of the Art, Inc.                        |
| M55342/1<br>Chars. E, H, K, and M, res. values 100 ohms thru<br>0.0150 megohm, res. tol. 0.1 pct, res. values 5.62<br>ohms thru 0.150 megohm, res. tol. 1.0 pct, res.<br>values 5.6 ohms thru 0.150 megohm, res. tols. 2.0,<br>5.0, and 10.0 pct., terms. B and W, product levels<br>C, M, P, R, and T.                    | M0502xxx  | 55342-468-88<br>55342-293-89<br>55342-043-93                              | /1                           | State of the Art, Inc.                        |

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|--|---|---|------------------------------|---|
| M55342/2<br>Char. K, res. values 49.9 ohms thru 0.475 megohm,<br>res. tol. 1.0 pct., 49.9 ohms thru 0.470 megohm,<br>res. tols. 2.0, 5.0 and 10.0 pct.; Char. M, res.<br>values 5.6 ohms thru 0.470 megohm, res. tols.<br>2.0, 5.0, and 10.0 pct., res. values 5.62 ohms<br>thru 0.475 megohm, res. tol. 1.0 pct., terms.<br>B, G, W, T, and U, product levels C, M, P, R, S.                                | J216<br>J218<br>J219<br>J529<br>J1283   | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-1191-92<br>55342-1078-00<br>55342-155-00 | /2                           | Mini-Systems, Inc. (1)                        |
| M55342/2<br>Chars. H, K, and M, res. values 100.0 ohms thru<br>0.294 megohm, res. tols. 1.0, 2.0, 5.0 and<br>10.0 pct., term. B, product levels C, M, P, R.  | WATF 4AN-<br>XXXXXX-XX  | 55342-87-94   | /2                           | Mini-Systems, Inc. (2)                        |
| M55342/2<br>Chars. K and M, res. values 10.0 ohms thru<br>0.470 megohm, res. tol. 1.0, 2.0, 5.0, and 10.0<br>pct., term. B, product level M.   | SR-XXXX-<br>0505-15-<br>FRSA  | 55342-201-93<br>55342-177-94  | /2                           | Piconics, Inc.                                |
| M55342/2*<br>Chars. E, H, K, and M, res. values 100.0 ohms<br>thru 0.470 megohm, res. tol. 0.1 pct., res.<br>values 5.6 ohms thru 0.470 megohm, res. tols.<br>1.0, 2.0, 5.0, and 10.0 pct., terms. B and W,<br>product levels C, M, P, R, and T.   | M0505AAXXXXXW<br>M0505CAXXXXXXB   | 55342-488-88<br>55342-293-89<br>55342-043-98  | /2                           | State of the Art, Inc.                        |
| M55342/2*<br>Chars. K and M, res. values 5.6 ohms thru 1.0<br>megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct.,<br>terms. B, C, U, and W, product levels<br>C, M, P, R, S, and T.   | MO505CPX-PGni<br>MO505CPX-PSni<br>MO505CPX-SNi<br>M0505APXXXZ<br>MO705CPX-SNi<br>M1005CPX-SNi<br>M1505CPX-SNi<br>M2208CPX-SNi | 55342-60-83<br>55342-40-84<br>55342-98-91<br>55342-800-87<br>55342-188-94                       | /2                           | State of the Art, Inc.                        |
| M55342/2*<br>Char. M, res. values 5.6 ohms thru 0.470 megohm,<br>res. tol. 10.0 pct., 10 ohms thru 0.464 megohm,<br>res. tol. 1.0 pct., 10 ohms thru 0.470 megohm,<br>res. tols. 2.0 and 5.0 pct.; Char. K, res. values<br>10 ohms thru 0.464 megohm, res. tol. 1.0 pct.,<br>10 ohms thru 0.470 megohm, res. tols. 2.0, 5.0<br>and 10.0 pct., terms. B, C, T, and U, product<br>levels C, M, P, R, S, and T. | RCM-550<br>RCWM-550<br>RCWM-550-8<br>RWCP-550<br>RCWPM-550<br>RCWPM-550-98  | 55342-493-81<br>55342-1212-84<br>55342-1078-87  | /2                           | Vishay Dale Electronics, Inc.<br>(1)          |
| M55342/2*<br>Char. M, res. values 5.6 ohms thru 0.470 megohm,<br>res. tol. 10.0 pct., 10 ohms thru 0.464 megohm,<br>res. tol. 1.0 pct., 10 ohms thru 0.470 megohm,<br>res. tols. 2.0 and 5.0 pct.; Char. K, res. values<br>10 ohms thru 0.464 megohm, res. tol. 1.0 pct.,<br>10 ohms thru 0.470 megohm, res. tols. 2.0, 5.0<br>and 10.0 pct., term. B, product levels C, M, P, R.                            | RCWPM-550-60<br>RCWP-550-60   | 55342-493-81<br>55342-1212-84<br>55342-1078-87  | /2                           | Vishay Dale Electronics,<br>Inc. (1)          |
| M55342/2*<br>Char. E, res. values 100.0 ohms thru 0.301 megohm,<br>res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.;<br>Char. H, res. values 100.0 ohms thru 0.301 megohm,<br>res. tol. 0.1 pct., res. values 20.0 ohms thru<br>0.301 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0<br>pct., term. B, product levels C, M, P, and R.  | P0505E<br>55342-4-92  | 55342-303-88<br>55342-109-00  | /2                           | Vishay Thin Film, Inc.                        |

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|---|--|---|------------------------------|---|
| M55342/3<br>Chars. K and M, res. values 5.62 ohms thru 1.0 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term. B, product levels M and P.   | M2B2513  | 55342-181-92  | /3                           | Amitron, Inc.                                 |
| M55342/3<br>Char. K, res. values 49.9 ohms thru 1.000 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0 pct.; Char. M, res. values 5.6 ohms thru 1.000 megohm, res. tol. 10.0 pct., res. values 10.0 ohms thru 1.000 megohm, res. tol. 1.0, 2.0 and 5.0 pct., terms. B, G, W, T and U, product levels C, M, P, R, and S. | J221<br>J223<br>J224<br>J530<br>J1284  | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-155-00             | /3                           | Mini-Systems, Inc. (1)                        |
| M55342/3<br>Chars. H, K, and M, res. values 100.0 ohms thru 0.294 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term. B, product levels C, M, P and R.  | WATF 6AN-<br>XXXXXX-XX   | 55342-87-94   | /3                           | Mini-Systems, Inc. (2)                        |
| M55342/3<br>Chars. K and M, res. values 10.0 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product level M.   | SR-XXXX-1005-<br>15-FRSA   | 55342-201-93<br>55342-177-94  | /3                           | Piconics, Inc.                                |
| M55342/3*<br>Chars. E, H, K, and M, res. values 100 ohms thru 1.000 megohm, res. tol. 0.1 pct., res. values 5.6 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B and W, product levels C, M, P, R, and T.  | M1005AAXXXXXW<br>M1005CAXXXXXXB  | 55342-468-88<br>55342-273-89<br>55342-043-98                              | /3                           | State of the Art, Inc.                        |
| M55342/3*<br>Chars. K and M, res. values 5.6 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B, C, U, and W, product levels C, M, P, R, S, and T.   | M1005CPX-PGni<br>M1005CPX-PSni<br>M0505CPX-SNi<br>M0705CPX-SNi<br>M1005CPX-SNi<br>M1505CPX-SNi<br>M2208CPX-SNi<br>M1005APXXXXZ | 55342-60-83<br>55342-40-84<br>55342-98-91<br>55342-800-87<br>55342-188-94 | /3                           | State of the Art, Inc.                        |
| M55342/3*<br>Char. M, res. values 5.6 ohms thru 1.0 megohm, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tols., 1.0, 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0 pct., terms, B, C, T, and U, product levels C, M, P, R, S, and T.                   | RCM-5100<br>RCWM-5100-8<br>RCWPM-5100<br>RCWPM-5100-20<br>RCWM-5100<br>RCWPM-5100-98<br>RCWP-5100                              | 55342-493-81<br>55342-1212-84<br>55342-1078-87                            | /3                           | Vishay Dale Electronics, Inc.<br>(1)          |
| M55342/3*<br>Char. M, res. values 5.6 ohms thru 1.0 megohm, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tols., 1.0, 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0 pct., term. B product levels C, M, P, and R.  | RCWPM-5100-60<br>RCWP-5100-60  | 55342-493-81<br>55342-1212-84<br>55342-1078-87<br>55342-1212-84           | /3                           | Vishay Dale Electronics, Inc.<br>(1)          |
| M55342/3*<br>Char. E, res. values 100.0 ohms thru 0.649 megohm, res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.; Char. H, res. values 100.0 ohms thru 0.649 megohm, res. tol. 0.1 pct., res. values 10.0 ohms thru 0.649 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product levels C, M, P, and R.  | P1005E   | 55342-303-88<br>55342-4-92<br>55342-109-00                                | /3                           | Vishay Thin Film, Inc.                        |

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| M55342/4<br>Chars. K and M, res. values 5.62 ohms thru 4.75 megohms, res. tol. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product levels M and P.   | M2B3813   | 55342-181-92   | /4                           | Amitron, Inc.                                 |
| M55342/4*<br>Chars. E, H, K and M, res. values 10.0 ohms thru 0.125 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., res. values 100.0 ohms thru 0.125 megohm, res. tols. 0.1, 1.0, 2.0, 5.0, 10.0 pct., term. B, product levels M, P, R, S.   | W1505R-07   | 55342-295-89<br>55342-150-95<br>55342-104-96   | /4                           | IRC, Inc.                                     |
| M55342/4<br>Char. K, res. values 49.9 ohms thru 4.75 megohms, res. tol. 1.0 pct., res. values 49.9 ohms thru 4.7 megohms, res. tols. 2.0, 5.0 and 10.0 pct., Char. M, res. values 5.6 ohms thru 4.7 megohms, res. tols. 10.0 pct., res. values 10.0 ohms thru 4.75 megohms, res. tol. 1.0 pct., res. values 10.0 ohms thru 4.7 megohms, res. tols. 2.0 and 5.0 pct., terms. B, G, W, T and U, product levels C, M, P, R, and S. | J206<br>J208<br>J209<br>J531<br>J1285   | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-155-00<br>55342-062-01                            | /4                           | Mini-Systems, Inc. (1)                        |
| M55342/4<br>Chars. K and M, res. values 10.0 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product level M.   | SR-XXXX-1505-<br>15-FRSA  | 55342-201-93<br>55342-177-94   | /4                           | Piconics, Inc.                                |
| M55342/4*<br>Chars. E, H, K, and M, res. values 100 ohms thru 1.000 megohm, res. tol. 0.1 pct., res. values 5.6 ohms thru 1.000 megohm, res. tol. 1.0, 2.0, 5.0, and 10.0 pct., terms. B and W, product levels C, M, P, R, and T.   | M1505AAXXXXXW<br>M1505CAXXXXXXB   | 55342-468-88<br>55342-293-89<br>55342-043-98   | /4                           | State of the Art, Inc.                        |
| M55342/4*<br>Chars. K and M, res. values 5.6 ohms thru 4.75 megohms, res. tols. 1.0 pct.; res. values 5.6 ohms thru 4.700 megohms, res. tols. 2.0, 5.0, and 10.0 pct., terms. B, C, U, and W, product levels C, M, P, R, S, and T.  | M1505CPX-PGni<br>M1505CPX-PSni<br>M0505CPX-Sni<br>M0705CPX-Sni<br>M1005CPX-Sni<br>M01505CPX-Sni<br>M2208CPX-Sni<br>M1505APXXXXZ | 55342-60-83<br>55342-40-84<br>55342-98-91<br>55342-800-87<br>55342-188-94<br>55342-167-95<br>55342-49-99 | /4                           | State of the Art, Inc.                        |
| M55342/4*<br>Char. M, res. values 5.6 ohms thru 4.7 megohms, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tol. 1.0 pct., 10 ohms thru 4.7 megohms, res. tols. 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0 pct., terms. B, C, T, and U, product levels C, M, P, R, S, and T.  | RCM-5150<br>RCM-5150-8<br>RCWPM-5150<br>RCWPM-5150-20<br>RCWM-5150<br>RCWPM-5150-98<br>RCWP-5150                                | 55342-493-81<br>55342-1212-84<br>55342-1078-87   | /4                           | Vishay Dale Electronics, Inc.<br>(1)          |
| M55342/4*<br>Char. M, res. values 5.6 ohms thru 4.7 megohms, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tol. 1.0 pct., 10 ohms thru 4.7 megohms, res. tols. 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0 pct., term. B, product levels C, M, P, and R.  | RCWPM-5150-60<br>RCWP-5150-60   | 55342-493-81<br>55342-1212-84<br>55342-1078-87   | /4                           | Vishay Dale Electronics, Inc.<br>(1)          |
| M55342/4*<br>Char. E, res. values 100.0 ohms thru 1.0 megohm, res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.; Char. H, res. values 100.0 ohms thru 1.0 megohm, res. tol. 0.1 pct., res. values 10.0 ohms thru 1.0 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product levels C, M, P, and R.  | P1505E  | 55342-303-88<br>55342-4-92<br>55342-109-00   | /4                           | Vishay Thin Film, Inc.                        |

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| M55342/5<br>Char. K, res. values 49.9 ohms thru 15.0<br>megohms, res. tols. 1.0, 2.0, 5.0, 10.0 pct.;   | J211  | 55342-27-80  | /5                           | Mini-Systems, Inc. (1)                        |
| Char. M, res. values 5.6 ohms thru 15.0<br>megohms, res. tols. 10.0 pct., res. values<br>10.0 ohms thru 15.0 megohms, res. tols. 1.0,<br>2.0 and 5.0 pct., terms. B, G, W, T, and U,<br>product levels C, M, P, R, and S.   | J213<br>J214<br>J532  | 55342-1852-86<br>55342-1855-86<br>55342-063-01                             |                              |   |
| M55342/5*<br>Chars. K and M, res. values 5.6 ohms thru<br>15.000 megohms, res. tols. 1.0, 2.0, 5.0 and<br>10.0 pct.; terms. B, C, and W, product<br>levels C, M, P, R, S, and T.  | M2208CPX-PGni<br>M2208CPX-PSni<br>M0505CPX-SNi<br>M0705CPX-SNi<br>M1005CPX-SNi<br>M1505CPX-SNi<br>M2208CPX-SNi<br>M2208APXXXZ | 55342-468-88<br>55342-40-84<br>55342-98-91<br>55342-799-87<br>55342-168-95 | /5                           | State of the Art, Inc.                        |
| M55342/5*<br>Chars. E, H, K, and M, res. values 100 ohms<br>thru 1.000 megohm, res. tols. 0.1, 1.0, 2.0,<br>5.0 and 10.0 pct.; res. values 5.6 ohms thru<br>1.000 megohm, res. tols. 1.0, 2.0, 5.0 and<br>10.0 pct., term. B, product levels<br>C, M, P, R, and T.  | M2208CA   | 55342-452-91   | /5                           | State of the Art, Inc.                        |
| M55342/5*<br>Char. M, res. values 5.6 ohms thru 15.0<br>megohm, res. tol. 10.0 pct., 10.0 ohms thru<br>2.000 megohms, res. tol. 1.0 pct., 10 ohms<br>thru 15.0 megohm, res. tols. 2.0 and 5.0 pct.;   | RCM-7225<br>RCWM-7225-8<br>RCWPM-7225<br>RCWPM-7225-20<br>RCWM-7225<br>RCWPM-7225-98<br>RCWP-7225                             | 55342-1346-85<br>55342-1079-87   | /5                           | Vishay Dale Electronics, Inc.<br>(1)          |
| Char. K, res. values 10.0 ohms thru 2.000<br>megohms, res. tol. 1.0, 2.0, 5.0 and 10.0.,<br>pct., terms. B, C, and T, product levels<br>C, M, P, R, S, and T.   |   |  |                              |   |
| M55342/5*<br>Char. M, res. values 5.6 ohms thru 15.0<br>megohm, res. tol. 10.0 pct., 10.0 ohms thru<br>2.000 megohms, res. tol. 1.0 pct., 10 ohms<br>thru 15.0 megohm, res. tols. 2.0 and 5.0 pct.;   | RCWPM-7225-60<br>RCWP-7225-60   | 55342-1346-85<br>55342-1079-87   | /5                           | Vishay Dale Electronics, Inc.<br>(1)          |
| Char. K, res. values 10.0 ohms thru 2.000<br>megohms, res. tol. 1.0, 2.0, 5.0 and 10.0 pct.,<br>term. B, product levels C, M, P, and R.   |   |  |                              |   |
| M55342/5*<br>Char. E, res. values 100.0 ohms thru 1.75<br>megohms, res. tols. 0.1, 1.0, 2.0, 5.0 and<br>10.0 pct.; Chars. H, res. values 100.0 ohms<br>thru 1.75 megohms, res. tol. 0.1 pct., res.<br>values 10.0 ohms thru 1.75 megohms, res.<br>tol. 1.0, 2.0, 5.0, and 10.0 pct., term. B,<br>product levels C, M, P, and R. | P2208E  | 55342-110-00   | /5                           | Vishay Thin Film, Inc.                        |
| M55342/6<br>Chars. K and M, res. values 5.62 ohms thru<br>1.0 megohm, res. tol. 1.0, 2.0, 5.0 and 10.0<br>pct., term. B, product levels M and P.  | M2B1913   | 55342-181-92   | /6                           | Amitron, Inc.                                 |
| M55342/6*<br>Chars. E, H, K and M, res. values 10.0 ohms<br>thru 0.125 megohm, res. tols. 1.0, 2.0, 5.0<br>and 10.0 pct., res. values 100.0 ohms thru<br>0.125 megohm, res. tols. 0.1, 1.0, 2.0, 5.0,<br>10.0 pct., term. B, product levels M, P, R, S.   | W0805R-07   | 55342-295-89<br>55342-150-95<br>55342-104-96                               | /6                           | IRC, Inc.                                     |

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| M55342/6<br>Char. K, res. values 49.9 ohms thru 1.000 megohm, res. tol. 1.0, 2.0, 5.0 and 10 pct.;<br>Char. M, res. values 5.6 ohms thru 1.000 megohm, res. tols. 2.0, 5.0, and 10.0 pct.,<br>res. values 5.62 ohms thru 1.000 megohm,<br>res. tol. 1.0 pct., terms. B, G, W, T, and U,<br>product levels C, M, P, R, and S. | J262<br>J264<br>J265<br>J533<br>J1286   | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-118-92<br>55342-116-00<br>55342-155-00 | /6                           | Mini-Systems, Inc. (1)                        |
| M55342/6<br>Chars. K and M, res. values 10.0 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product level M.  | SR-XXXX-0705-<br>15-FRSA  | 55342-201-93<br>55342-177-94  | /6                           | Piconics, Inc.                                |
| M55342/6*<br>Chars. E, H, K, and M, res. values 100.0 ohms thru 1.000 megohm, res. tol. 0.1 pct., res. values 5.6 ohms thru 1.0 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B and W,<br>product levels C, M, P, R, and T.  | M0705AAXXXXW<br>M0705CAXXXXB  | 55342-468-88<br>55342-293-89<br>55342-043-98  | /6                           | State of the Art, Inc.                        |
| M55342/6*<br>Chars. K and M, res. values 5.6 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., terms. B, C, U, and W, product levels C, M, P, R, S, and T.   | M0705CPX-PGNI<br>M0705CPX-PSNI<br>M0505CPX-SNI<br>M0705CPX-SNI<br>M01005CPX-SNI<br>M1505CPX-SNI<br>M2208CPX-SNI<br>M0705AXXXZ | 55342-60-83<br>55342-40-84<br>55342-98-91<br>55342-800-87<br>55342-188-94                     | /6                           | State of the Art, Inc.                        |
| M55342/6*<br>Char. M, res. values 5.6 ohms thru 1.0 megohm, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B, C, T, and U, product levels C, M, P, R, S, T.                                    | RCM-575<br>RCWM-575-8<br>RCWPM-575<br>RCWM-575<br>RCWPM-575-98<br>RCWP-575  | 55342-493-81<br>55342-1212-84<br>55342-1078-87  | /6                           | Vishay Dale Electronics, Inc., (1)            |
| M55342/6*<br>Char. M, res. values 5.6 ohms thru 1.0 megohm, res. tol. 10.0 pct., 10 ohms thru 1.0 megohm, res. tol. 1.0, 2.0 and 5.0 pct.; Char. K, res. values 10 ohms thru 1.0 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B, product levels C, M, P, and R.   | RCWPM-575-60<br>RCWP-575-60   | 55342-493-81<br>55342-1212-84<br>55342-1078-87  | /6                           | Vishay Dale Electronics, Inc. (1)             |
| M55342/6*<br>Chars. K and M, res. values 10.0 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term B., product level M, P, R.  | RCWPM-575-68  | 55342-103-97  | /6                           | Vishay Dale Electronics, Inc. (2)             |
| M55342/6*<br>Char. E, res. values 100.0 ohms thru 0.475 megohm, res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.; Char. H, res. values 100.0 ohms thru 0.675 megohm, res. tol. 0.1 pct., res. values 10.0 ohms thru 0.475 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B,<br>product levels C, M, P, and R.            | P0705E  | 55342-303-88<br>55342-4-92<br>55342-109-00  | /6                           | Vishay Thin Film, Inc.                        |

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| D55342/7<br>Chars. K and M, res. values 5.62 ohms thru<br>5.62 megohms, res. tol. 1.0, 2.0, 5.0 and 10.0<br>pct., term. B, product levels M and P.  | M2B3217   | 55342-181-92   | /7                           | Amitron, Inc.                                 |
| D55342/7*<br>Chars. E, H, K and M, res. values 10.0 ohms<br>thru 0.125 megohm, res. tols. 1.0, 2.0, 5.0<br>and 10.0 pct., res. values 100.0 ohms thru<br>0.125 megohm, res. tols. 0.1, 1.0, 2.0, 5.0<br>and 10.0 pct., term. B, product levels<br>M, P, R, and S.   | W1206R-07   | 55342-295-89<br>55342-150-95<br>55342-104-96                               | /7                           | IRC, Inc.                                     |
| D55342/7<br>Chars. K and M, res. values 5.62 ohms thru<br>5.62 megohms, res. tol. 1.0 pct., res. values<br>5.6 ohms thru 5.6 megohms, res. tols. 2.0,<br>5.0, and 10.0 pct., terms. B, C, D, G, T, U,<br>and W, product levels C, M, P, R, and S.   | J690<br>J692<br>J694<br>J695<br>J696<br>J612<br>J1287   | 55342-216-90<br>55342-155-00<br>55342-062-01                               | /7                           | Mini-Systems, Inc. (1)                        |
| D55342/7<br>Chars. H, K, and M, res. values 100.0 ohms<br>thru 0.294 megohm, res. tol. 1.0, 2.0, 5.0,<br>and 10.0 pct., term. B, product levels<br>C, M, P, and R.  | WATF 5AN-<br>XXXXXX-XX  | 55342-87-94  | /7                           | Mini-Systems, Inc. (2)                        |
| D55342/7<br>Chars. K and M, res. values 10.0 ohms thru<br>1.000 megohm, res. tols. 1.0, 2.0, 5.0 and<br>10.0 pct., term. B, product level M.  | SR-XXXX-1206-<br>15-FRSA  | 55342-201-93<br>55342-177-94   | /7                           | Piconics, Inc.                                |
| D55342/7*<br>Chars. E, H, K, and M, res. values 100 ohms<br>thru 1.000 megohm, res. tol. 0.1 pct., res.<br>values 5.6 ohms thru 1.000 megohm, res. tols.<br>1.0, 2.0, 5.0 and 10.0 pct., terms. B and W,<br>product levels C, M, P, R, and T.   | M1206AAXXXXXW<br>M1206CAXXXXXB  | 55342-468-88<br>55342-293-89<br>55342-043-98                               | /7                           | State of the Art, Inc.                        |
| D55342/7*<br>Chars. K and M, res. values 5.6 ohms thru 5.62<br>megohms, res. tol. 1.0 pct.; res. values 5.6<br>ohms thru 5.6 megohms, res. tols. 2.0, 5.0, and<br>10.0 pct., terms B, C, U, and W, product levels<br>C, M, P, R, S, and T.  | M1206CPX-Sni  | 55342-203-88<br>55342-98-91<br>55342-188-94<br>55342-167-95<br>55342-49-99 | /7                           | State of the Art, Inc.                        |
| D55342/7*<br>Chars. E and H, res. values 100 ohms thru<br>1.000 megohm, res. tol. 0.1 pct.; res. values<br>49.9 ohms thru 1.000 megohm, res. tols. 1.0,<br>2.0, 5.0, and 10.0 pct., term. B, product<br>levels M, P, and R.   | TNPWM-1206  | 55342-191-89<br>55342-301-90<br>55342-56-99                                | /7                           | Vishay Dale Electronics,<br>Inc. (1)          |
| D55342/7*<br>Char. M, res. values 5.6 ohms thru 1.000<br>megohm, res. tol. 10.0 pct., res. values 10.0<br>ohms thru 5.62 megohm, res. tol. 1.0, 2.0, 5.0<br>and 10.0 pct.; Char. K, res. values 10.0 ohms<br>thru 1.000 megohm, res. tol. 1.0, 2.0, 5.0,<br>and 10.0 pct., terms. B, C, T, and U,<br>product levels C, M, P, R, S, and T. | RCWM-1206-8<br>RCWPM-1206<br>RCM-1206<br>RCWPM-1206-20<br>RCWM-1206<br>RCWPM-1206-98<br>RCWP-1206 | 55342-348-88<br>55342-169-92<br>55342-217-94                               | /7                           | Vishay Dale Electronics,<br>Inc. (1)          |
| D55342/7*<br>Char. M, res. values 5.6 ohms thru 1.000<br>megohm, res. tol. 10.0 pct., res. values 10.0<br>ohms thru 5.62 megohm, res. tol. 1.0, 2.0,<br>and 5.0 pct.; Char. K, res. values 10.0 ohms<br>thru 1.000 megohm, res. tol. 1.0, 2.0, 5.0,<br>and 10.0 pct., terms. B, product levels<br>C, M, P, and R.                         | RCWPM-1206-60<br>RCWP-1206-98   | 55342-348-88<br>55342-169-92<br>55342-217-94                               | /7                           | Vishay Dale Electronics,<br>Inc. (1)          |

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| D55342/7*<br>Chars. K and M, res. values 10.0 ohms thru<br>1.000 megohm, res. tols. 1.0, 2.0, 5.0 and<br>10.0 pct., term B., product level M, P, R.   | RCWPM-1206-68   | 55342-103-97  | /7                           | Vishay Dale Electronics,<br>Inc. (2)          |
| D55342/7*<br>Char. E, res. values 100.0 ohms thru 1.0 megohm,<br>res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.;<br>Char. H, res. values 100.0 ohms thru 1.0 megohm,<br>res. tol. 0.1 pct., res. values 10.0 ohms thru<br>1.0 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct.,<br>term. B, product levels C, M, P, and R.   | PL206E  | 55342-303-88<br>55342-4-92<br>55342-109-00                  | /7                           | Vishay Thin Film, Inc.                        |
| M55342/8<br>Chars. K and M, res. values 5.62 ohms thru 15.0<br>megohms, res. tol. 1.0 pct., res. values 5.6 ohms<br>thru 15.0 megohms, res. tols. 2.0, 5.0, and<br>pct., terms. B, C, D, G, T, U, and W, terms.<br>C, M, P, R, and S.   | J696<br>J698<br>J700<br>J701<br>J907<br>J913  | 55342-217-90<br>55342-063-01                                | /8                           | Mini-Systems, Inc. (1)                        |
| M55342/8*<br>Chars. K and M, res. values 5.62 ohms thru<br>15.000 megohms, res. tol. 1.0 pct.; res. values<br>5.6 ohms thru 15,000 megohms, res. tols. 2.0,<br>5.0, and 10.0 pct, terms. B, C, and W, product<br>levels C, M, P, R, S, and T.   | M2010CPX-Sni  | 55342-203-88<br>55342-98-91<br>55342-168-95<br>55342-117-99 | /8                           | State of the Art, Inc.                        |
| M55342/8*<br>Chars. E, H, K, and M, res. values 100 ohms thru<br>1.000 megohm, res. tols. 0.1, 1.0, 2.0, 5.0 and<br>10.0 pct.; res. values 5.6 ohms thru 1.000 megohm,<br>res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term. B<br>product levels C, M, P, R, and T.  | M2010CA   | 55342-452-91  | /8                           | State of the Art, Inc.                        |
| M55342/8*<br>Char. M, res. values 5.6 ohms thru 15.000<br>megohms, res. tol. 10.0 pct., res. values 10.0<br>ohms thru 15.000 megohms, res. tols. 2.0 and<br>and 5.0 pct., res. values 10.0 ohms thru 7.500<br>megohms, res. tol. 1.0 pct.; Char. K, res.<br>values 10.0 ohms thru 1.000 megohm, res. tols.<br>1.0, 2.0, 5.0 and 10.0 pct., terms. B, C, T,<br>and U, product levels C, M, P, R, S, and T. | RCWPM-2010<br>RCWM-2010-8<br>RCM-2010<br>RCWPM-2010-20<br>RCWM-2010<br>RCWPM-2010-98<br>RCWP-2010 | 55342-349-88  | /8                           | Vishay Dale Electronics,<br>Inc. (1)          |
| M55342/8*<br>Char. E, res. values 100.0 ohms thru 2.0 megohms,<br>res. tols. 0.1, 1.0, 2.0, 5.0 and 10.0 pct.;<br>Char. H, res. values 100.0 ohms thru 2.0 megohms,<br>res. tol. 0.1 pct., res. values 10.0 ohms thru 2.0<br>megohms, res. tols. 1.0, 2.0, 5.0, and 10.0 pct.,<br>term. B, product levels C, M, P, and R.   | P2010E  | 55342-110-00  | /8                           | Vishay Thin Film, Inc.                        |
| M55342/9<br>Chars. K and M, res. values 5.6 ohms thru 15.0<br>megohms, res. tol. 1.0 pct., res. values 5.6 ohms<br>thru 15.0 megohms, res. tols. 2.0, 5.0 and<br>10.0 pct., terms. B, C, D, G, T, U, and W,<br>product levels C, M, P, R, and S.  | J702<br>J704<br>J706<br>J707<br>J908<br>J914  | 55342-217-90<br>55342-063-01                                | /9                           | Mini-Systems, Inc. (1)                        |
| M55342/9*<br>Chars. K and M, res. values 5.62 ohms thru 15.000<br>megohms, res. tol. 1.0, pct.; res. values 5.6<br>ohms thru 15.000 megohms, res. tols. 2.0, 5.0 and<br>10.0 pct., terms. B, C, and W, product levels<br>C, M, P, R, S, and T.  | M2512CPX-Sni  | 55342-203-88<br>55342-98-91<br>55342-168-95<br>55342-117-99 | /9                           | State of the Art, Inc.                        |
| M55342/9*<br>Chars. E, H, K, and M, res. values 100 ohms thru<br>1.000 megohm, res. tols. 0.1 pct.; res. values<br>5.6 ohms thru 1.0 megohm, res. tols. 1.0, 2.0,<br>5.0 and 10.0 pct., term. B, product levels<br>C, M, P, R, and T.   | M2512CA   | 55342-452-91  | /9                           | State of the Art, Inc.                        |



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| M55342/9*<br>Char. M, res. values 5.6 ohms thru 15.000 megohms, res. tol. 10.0 pct., res. values 10.0 ohms thru 15.000 megohms, res. tol. 2.0 and 5.0 pct., res. values 10.0 ohms thru 7.500 megohms, res. tol. 1.0 pct.; Char. K, res. values 10.0 ohms thru 1.000 megohms, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., terms. B, C, T, and U, product levels C, M, P, R, S, and T. | RCWPM-2512<br>RCWM-2512-8<br>RCM-2512<br>RCWPM-2512-20<br>RCWM-2512<br>RCWPM-2512-98<br>RCWP-2512 | 55342-349-88   | /9                           | Vishay Dale Electronics, Inc. (1)             |
| M55342/9*<br>Char. E, res. values 100.0 ohms thru 3.0 megohms, res. tols. 0.1, 1.0, 2.0, 5.0 and 10.0 pct.; Char. H, res. values 100.0 ohms thru 3.0 megohms, res. tol. 0.1 pct., res. values 10.0 ohms thru 3.0 megohms, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., term. B, product levels C, M, P, and R.   | P2512E  | 55342-110-00   | /9                           | Vishay Thin Film, Inc.                        |
| M55342/10<br>Char. M, res. values 5.62 ohms thru 5.62 megohms, res. tols. 1.0, 2.0, 5.0 and 10.0 pct.; Char. K, res. values 15.0 ohms thru 5.62 megohms, res. tol. 1.0, 2.0, 5.0 and 10.0 pct., terms. B, G, T, U, and W, product levels C, M, P, R, and S.  | J957<br>J958<br>J959<br>J961<br>J1288   | 55342-118-92<br>55342-155-00<br>55342-062-01               | /10                          | Mini-Systems, Inc. (1)                        |
| M55342/10*<br>Chars. K and M, res. values 5.6 ohms thru 5.62 megohms, res. tols. 1.0 pct.; res. values 5.6 ohms thru 5.6 megohms res. tols. 2.0, 5.0, and 10.0 pct., terms. B, C, U, and W, product levels C, M, P, R, S, and T.   | M1010CPX5R60F10<br>M1010CPX3161F10<br>M1010CPX565F10  | 55342-98-91<br>55342-188-94<br>55342-167-95<br>55342-49-99 | /10                          | State of the Art, Inc.                        |
| M55342/10*<br>Chars. E, H, K, and M, res. values 100.0 ohms thru 1.000 megohm, res. tol. 0.1 pct., res. values 5.6 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0, and 10.0 pct., terms. B and W, product levels C, M, P, R, and T.  | M1010CA   | 55342-488-88<br>55342-293-89<br>55342-043-98               | /10                          | State of the Art, Inc.                        |
| M55342/10*<br>Char. M, res. values 5.6 ohms thru 5.62 megohms, res. tol. 1.0, 2.0, 5.0 and 10.0 pct.; Char. K, res. values 10.0 ohms thru 0.499 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., terms. B, C, T and U, product levels C, M, P, R, S, T.   | RCWPM-1100<br>RCWM-1100-8<br>RCM-1100<br>RCWPM-1100-20<br>RCWM-1100<br>RCWPM-1100-98<br>RCWP-1100 | 55342-563-91   | /10                          | Vishay Dale Electronics, Inc. (1)             |
| M55342/10*<br>Char. M, res. values 5.6 ohms thru 5.62 megohms, res. tol. 1.0, 2.0, 5.0 and 10.0 pct.; Char. K, res. values 10.0 ohms thru 0.499 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term. B, product levels C, M, P, and R.  | RCWPM-1100-60<br>RCWP-1100-60   | 55342-563-91   | /10                          | Vishay Dale Electronics, Inc. (1)             |
| M55342/10*<br>Chars. E and H, res. values 100 ohms thru 1.000 megohm, res. tol. 0.1 pct., res. values 49.9 ohms thru 1.000 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0 pct., term. B, product levels C, M, P, R.   | P1010E  | 55342-303-88<br>55342-4-92                                 | /10                          | Vishay Thin Film, Inc.                        |

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| M55342/11<br>Char. K, res. values 49.9 ohms thru 1.000 megohm,<br>res. tols. 1.0, 2.0, 5.0 and 10.0 pct.; Char. M,<br>res. values 5.6 ohms thru 1.000 megohm, res.<br>tols. 2.0, 5.0 and 10.0 pct., res. values 5.62<br>ohms thru 1.000 megohm, res. tol. 1.0 pct., terms<br>B, G, W, and U, product levels C, M, P, R and S.         | J1271<br>J1272<br>J1273<br>J1289                | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-118-92<br>55342-155-00 | /11                          | Mini-Systems, Inc. (1)                        |
| M55342/11*<br>Chars. K and M, res. values 5.6 ohms thru 1.0<br>megohm, res. tols. 2.0, 5.0, and 10.0 pct., res.<br>values 5.62 ohms thru 1.0 megohm, res. tol. 1.0<br>pct., terms. B, C, U, and W, product levels<br>C, M, P, R, S, and T.  | M0402xxx  | 55342-60-83<br>55342-40-83<br>55342-98-91<br>55342-800-87<br>55342-188-94     | /11                          | State of the Art, Inc.                        |
| M55342/11*<br>Chars. E, H, K, and M, res. values 100 ohms thru<br>0.100 megohm, res. tol. 0.1 pct, res. values<br>5.62 ohms thru 0.100 megohm, res. tol. 1.0 pct,<br>res. values 5.6 ohms thru 0.100 megohm, res.<br>tols. 2.0, 5.0, and 10.0 pct., terms. B and W,<br>product levels C, M, P, R, and T.                              | M0402xxx  | 55342-468-88<br>55342-293-89<br>55342-043-93                                  | /11                          | State of the Art, Inc.                        |
| M55342/12*<br>Chars. E, H, K and M, res. values 10.0 ohms thru<br>0.059 megohm, res. tols. 1.0, 2.0, 5.0 and 10.0<br>pct., res. values 100.0 ohms thru 0.059 megohm,<br>res. tols. 0.1, 1.0, 2.0, 5.0 and 10.0 pct.,<br>term. B, product levels M, P, R, and S.   | W0603R-07                                       | 55342-295-89<br>55342-150-95<br>55342-104-96                                  | /12                          | IRC, Inc.                                     |
| M55342/12<br>Char. K, res. values 49.9 ohms thru 1.000 megohm,<br>res. tols. 1.0, 2.0, 5.0 and 10.0 pct.; Char M,<br>res. values 5.6 ohms thru 1.000 megohm, res.<br>tols. 2.0, 5.0 and 10.0 pct., res. values 5.62<br>ohms thru 1.000 megohm, res. tol. 1.0 pct.,<br>terms B, G, W, and U, product levels C, M, P, R<br>and S.       | J1274<br>J1275<br>J1276<br>J1290                | 55342-24-80<br>55342-1851-86<br>55342-1854-86<br>55342-118-92<br>55342-155-00 | /12                          | Mini-Systems, Inc. (1)                        |
| M55342/12*<br>Chars. K and M, res. values 5.6 ohms thru 1.0<br>megohm, res. tols. 2.0, 5.0, and 10.0 pct., res.<br>values 5.62 ohms thru 1.0 megohm, res. tol. 1.0<br>pct., terms. B, C, U, and W, product levels<br>C, M, P, R, S, and T.  | M0603xxx  | 55342-60-83<br>55342-40-83<br>55342-98-91<br>55342-800-87<br>55342-188-94     | /12                          | State of the Art, Inc.                        |
| M55342/12*<br>Chars. E, H, K, and M, res. values 100 ohms thru<br>0.267 megohm, res. tol. 0.1 pct, res. values<br>5.62 ohms thru 0.267 megohm, res. tol. 1.0 pct,<br>res. values 5.6 ohms thru 0.270 megohm, res.<br>tols. 2.0, 5.0, and 10.0 pct., terms. B and W,<br>product levels C, M, P, R, and T.                              | M0603xxx  | 55342-468-88<br>55342-293-89<br>55342-043-93                                  | /12                          | State of the Art, Inc.                        |
| M55342/12*<br>Char. K, res. values 10.0 ohms thru 1.000 megohm,<br>res. tols. 1.0, 2.0, 5.0 and 10.0 pct.;<br>Char. M, res. values 5.6 ohms thru 1.000 megohm,<br>res. tols. 10.0 pct., res. values 10.0 ohms thru<br>1.000 megohm, res. tols, 1.0, 2.0 and 10.0 pct.,<br>term. B, product levels C, M, P, and R.                     | RCWPM-0603-60                                   | 55342-493-81<br>55342-1212-84<br>55342-1078-87                                | /12                          | Vishay Dale Electronics,<br>Inc. (1)          |
| M55342/12*<br>Char. E, res. values 100.0 ohms thru 0.160 megohm,<br>res. tols. 0.1, 1.0, 2.0, 5.0, and 10.0 pct.,<br>Chars. H, K, and M, res. values 100.0 ohms thru<br>0.160 megohm, res. tol. 0.1 pct., res. values 20.0<br>ohms thru 0.160 megohm, res. tols. 1.0, 2.0, 5.0,<br>and 10.0 pct., term. B, product levels C, M, P, R. | P0603E<br>55342-4-92                            | 55342-303-88<br>55342-109-00  | /12                          | Vishay Thin Film, Inc.                        |

| MANUFACTURER'S NAME, ADDRESS<br>AND PLANT  | CAGE<br>CODE |
|--|--------------|
| Amitron, Inc.<br>85 Flagship Drive<br>N. Andover, MA 01845-6148<br>Plant: Same Address   | 0BXB2        |
| IRC, Inc.<br>4222 S. Staples Street<br>Corpus Christi, TX 78411<br>Plant: Same Address   | 57027        |
| Mini-Systems, Inc.<br>20 David Road<br>North Attleboro, MA 02761-0069<br>Plants: 1. Same Address<br>2. 45 Frank Mossberg Drive<br>Attleboro, MA 02703  | 50316        |
| Piconics, Inc.<br>26 Cummings Road<br>Tyngsboro, MA 01829-1406<br>Plant: Same Address  | 26618        |
| State of the Art, Inc.<br>2470 Fox Hill Road<br>State College, PA 16803-1797<br>Plant: Same Address  | 56235        |
| Vishay Dale Electronics, Inc.<br>1122 23rd Street<br>P.O. Box 609<br>Columbus, NE 68602-0609<br>Plants: 1. 2300 Riverside Blvd.<br>Norfolk, NE<br>2. Vishay Dale Israel<br>Industrial Park<br>Dimona, Israel 86000 | 91637        |
| Vishay Thin Film, Inc.<br>2160 Liberty Drive<br>Niagara Falls, NY 14304-3676<br>Plant: Same Address  | 57489        |

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: IRC, Inc.  
4222 South Staples Street  
Corpus Christi, TX 78411

\* NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

Arrow Zeus \*  
3254 Fraser Street  
Aurora, CO 80011

Future Electronics  
41 Main Street  
Bolton, MA 01740

Jaco Electronics \*  
2822 Townsgate Road  
Westlake Village, CA 91361

Jaco Electronics \*  
145 Oser Avenue  
Hauppauge, L.I., NY 11787

Justin Electronics \*  
3300 highway 421 North  
Wilmington, NC 28402 (Category B)

Lauralekx, Inc.  
1202 Tech Boulevard  
Suite 108  
Tampa, FL 33619

Marsh Electronics \*  
1563 South 101st Street  
Milwaukee, WI 53214

Neumann Electronics  
8665 Miralani Drive  
San diego, CA 92126

New Yorker Electronics \*  
420 Center Avenue  
Mamaroneck, NY 10543

Newark Electronics  
4801 N. Ravenswood  
Chicago, IL 60640

Newark Electronics  
217 Wilcox Avenue  
Gaffney, SC 29340

Spirit Electronics \*  
7819 East Greenway, Suite 9  
Scottsdale, AZ 85269

T.T.I., Inc.  
2441 Northeast Parkway  
Fort Worth, TX 76101-1896 (Category B)

AUTHORIZED ER DISTRIBUTOR: Category A (Unless Otherwise Specified)

MANUFACTURER: State of the Art, Inc.  
2470 Fox Hill Road  
State College, PA 16803-1797

\* NS - NONSTOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY

Components Distributors \*  
10311 West Hampden Avenue, Suite A-105  
Lakewood, CO 80227

Gemini Electronic Components, Inc. \*  
28 Kaysal Court  
Armonk, NY 10504

Jaco Electronics, Inc. \*  
145 Oser Avenue  
Hauppauge, NY 11788

Justin Electronics Corp. \*  
3300 Highway 421 North  
Wilmington, NC 28402

Mast Distributors, Inc. \*  
710-2 Union Parkway  
Ronkonkoma, NY 11779

Micross Components \*  
35 Kulick Road  
Fairfield, NJ 07007

New Yorker Electronics \*  
420 Center Avenue  
Mamaroneck, NY 10543

Resco/Baltimore \*  
4961 Mercantile Road  
Baltimore, MD 21236

Semi-Dice, Inc. \*  
10961 Bloomfield Street  
Los Alamitos, CA 90720

Spirit Electronics, Inc. \*  
7432 East Tierra Buena Lane, Suite 102  
Scottsdale, AZ 85260

Universal Semiconductor, Inc. \*  
1415 West Cypress Creek Road  
Fort Lauderdale, FL 33309

Zeus/An Arrow Company \*  
100 Midland Avenue  
Port Chester, NY 10573

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: Vishay Dale Electronics, Inc.  
1122 23rd Street, P.O. Box 609  
Columbus, NE 68602-0609

\* NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

Arrow Electronics/PEMCO Group  
2900 Westchester Avenue, Suite 401  
Purchase, NY 10577-2508

Avnet EMG  
60 S. McKemy  
Chandler, AZ 85226

Bell-Milgray  
EDD Dayton Division  
446 Windsor Park Drive  
Dayton, OH 45459

Future Electronics  
237 Hymus Boulevard  
Pointe Claire, Quebec, Canada H9R 5C7

Jaco Electronics, Inc.  
145 Oser Avenue  
Hauppauge, NY 11788

Kent Electronics, Inc.  
7433 Harwin Drive  
Houston, TX 77036-2015

Loras Industries, Inc.  
2640 Freewood Drive  
Dallas, TX 75220  
(NOTE: Category B - Hot Solder Dip Only  
39007, 39009, 39017, 55182)

Pioneer Standard Electronics  
4800 E. 131 Street  
Cleveland, OH 44105

New Yorker Electronics Co., Inc.  
420 Center Avenue  
Mamaroneck, NY 10543

T.T.I., Inc.  
2441 Northeast Parkway  
Fort Worth, TX 76101-1896  
(NOTE: Category B)

Tri-Start Electronics, Inc.  
134 Remington Boulevard  
Ronkonkoma, NY 11779

Vishay Thin Film, Inc.  
2160 Liberty Drive  
Niagara Falls, NY 14304-3676  
(NOTE: Category B)

AUTHORIZED ER DISTRIBUTOR: Category A unless otherwise specified

MANUFACTURER: Vishay Thin Film, Inc.  
2160 Liberty Drive  
Niagara Falls, NY 14304-3676

\* NS - (NON-STOCKING: NORMALLY DOES NOT STOCK PARTS IN QUANTITY)

|  |  |  |   |
|--|--|--|---|
| Command Electronics Corp.<br>42 Central Drive<br>FarmingVishay Dale, NY 11735                      |  | Kent Electronics<br>9760 Owensmouth Avenue<br>Chatsworth, CA 91311             | * |
| Vishay Dale Electronics, Inc.<br>2300 Riverside Boulevard<br>P.O. Box 74<br>Norfolk, NE 68702-0074 |  | Kent Electronics<br>6195 Cornerstone Court East<br>San Diego, CA 92121         | * |
| Jaco Electronics *<br>23-441 S. Pointe Dr., Suite 140<br>Laguna Hills, CA 92653                    |  | Kent Electronics<br>1520 Montague Expressway<br>San Jose, CA 95131             | * |
| Jaco Electronics *<br>2880 Zanker Road, Suite 202<br>San Jose, CA 95134                            |  | Kent Electronics<br>1500 West Hampden, Bldg. #4<br>Englewood, CO 80110         | * |
| Jaco Electronics *<br>2260 Townsgate Road<br>Westlake Village, CA 91361                            |  | Kent Electronics<br>9280 Bay Plaza Blvd.<br>Tampa, FL 33619-9627               | * |
| Jaco Electronics *<br>384 Pratt Street<br>Meriden, CT 06450  |  | Kent Electronics<br>5300 Park Place, N.E., Suite 110<br>Cedar Rapids, IA 52402 | * |
| Jaco Electronics *<br>1060 Holland Drive<br>Boca Raton, FL 33487                                   |  | Kent Electronics<br>2190 N. Gladstone Court<br>Glen Dale Heights, IL 60139     | * |
| Jaco Electronics *<br>1053 East Street<br>Tewksbury, MA 01876                                      |  | Kent Electronics<br>21 Alpha Road<br>Chelmsford, MA 01824                      | * |
| Jaco Electronics *<br>10270-F Old Columbia Road<br>Columbia, MD 21046                              |  | Kent Electronics<br>2515 Wabash Avenue<br>St. Paul, MN 55114                   | * |
| Jaco Electronics *<br>3029-107 Stonybrook Drive<br>Raleigh, NC 27604                               |  | Kent Electronics<br>5494 Brown Road<br>Hazelwood, MO 63042                     | * |
| Jaco Electronics *<br>145 Oser Avenue<br>Hauppauge, L.I., NY 11788                                 |  | Kent Electronics<br>3121-B South Dodgion<br>Independence, MO 64055             | * |
| Jaco Electronics *<br>4257 Kellway Circle<br>Addison, TX 75244                                     |  | Kent Electronics<br>1727 North Ocean Avenue<br>Medford, NY 11763               | * |
| Kent Electronics *<br>549 S. 48th Street #104<br>Tempe, AZ 85281                                   |  | Kent Electronics<br>15209 N.E. 95th Street<br>Redmond, WA 98052                | * |

MANUFACTURER: Vishay Thin Film, Inc. (Continued)

|  |   |  |   |
|--|---|--|---|
| L & S Electronics<br>139 N. Central Avenue<br>Valley Stream, NY 11580            | * | T. T. I., Inc.<br>2979-A Pacific Drive<br>Norcross, GA 30071                                     | * |
| L & S Electronics<br>21 Burns Lane<br>Charleston, SC 29481                       | * | T. T. I., Inc.<br>100 Research Drive<br>Wilmington, MA 01887                                     | * |
| Micross Components<br>35 Kulick Road<br>Fairfield, NJ 07006                      | * | T. T. I., Inc.<br>6420 Dobbin Road<br>Columbia, MD 21045   | * |
| Passive Components, Inc.<br>1590 Oakland Road<br>San Jose, CA 91311              | * | T. T. I., Inc.<br>12301 Whitewater Drive<br>Minnetonka, MN 55343                                 | * |
| Petell/Passive Components Corp.<br>21113 Superior Street<br>Chatsworth, CA 91311 | * | T. T. I., Inc.<br>200 Century Parkway, Suite 120<br>Mount Laurel, NJ 08054                       | * |
| RESCO/Baltimore<br>4961 Mercantile Road<br>Baltimore, MD 21236                   | * | T. T. I., Inc.<br>921 South Second Street<br>Ronkonkoma, NY 11779                                | * |
| T. T. I., Inc.<br>4625 S. Wendler Dr., Suite 108<br>Tempe, AZ 85282              | * | T. T. I., Inc.<br>670-A Lakeview Plaza Blvd.<br>Columbus, OH 43085                               | * |
| T. T. I., Inc.<br>1535 McCandless Dr., Bldg. 11<br>Milpitas, CA 95035            | * | T. T. I., Inc. (HQ)<br>2441 Northeast Parkway<br>Fort Worth, TX 76101-1896<br>(Note: Category B) | * |
| T. T. I., Inc.<br>10200 Sepulveda Blvd., Suite 380<br>Mission Hill, CA 91345     | * | T. T. I., Inc.<br>9577 N.E. 153rd Avenue<br>Redmond, WA 98052                                    | * |
| T. T. I., Inc.<br>13220 Evening Creek Drive South<br>San Diego, CA 92128         | * | Texas Components Corp.<br>1716 Sam Houston Parkway North<br>Houston, TX 77043                    | * |
| T. T. I., Inc.<br>1570 Brookhollow, Suite 103<br>Santa Ana, CA 92705             | * | Zeus/An Arrow Company<br>5236 Colodny Dr., Suite 102<br>Agoura Hills, CA 91301                   | * |
| T. T. I., Inc.<br>6800 N. Broadway, Suite 107<br>Denver, CO 80221                | * | Zeus/An Arrow Company<br>5626 Ruffin Road<br>San Diego, CA 92123                                 | * |
| T. T. I., Inc.<br>8 Fairfield Blvd.<br>Wallingford, CT 06492                     | * | Zeus/An Arrow Company<br>6276 San Ignacio Avenue<br>San Jose, CA 95119                           | * |
| T. T. I., Inc.<br>6220 S. Orange Blossom Trail<br>Suite 516<br>Orlando, FL 32809 | * | Zeus/An Arrow Company<br>22700 Savi Ranch Parkway<br>Yorba Linda, CA 92686                       | * |



MANUFACTURER: Vishay Thin Film, Inc. (Continued)

Zeus/An Arrow Company \*  
1750 W. Broadway, Suite 114  
Oviedo, FL 32765

Zeus/An Arrow Company \*  
429 Marrett Avenue  
Lexington, MA 02173

Zeus/An Arrow Company \*  
8930-A Route 108  
Columbia, MD 21045

Zeus/An Arrow Company  
100 Midland Avenue  
Port Chester, NY 10573  
Note: Category B

Zeus/An Arrow Company \*  
2110 Smithtown Avenue  
Ronkonkoma, NY 11779

Zeus/An Arrow Company \*  
1800 N. Glenville Dr., Suite 120  
Richardson, TX 75081