QUALIFICATIONS VALIDATED
SEMIANNUALLY

QPL-39003-82
1 February 2001
SUPERSEDING
QPL-39003-81
20 June 2000

# QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION

MIL-PRF-39003

CAPACITORS, FIXED, ELECTROLYTIC (SOLID ELECTROLYTE)

TANTALUM, ESTABLISHED RELIABILILTY,

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-39003. 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 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. This list is 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 list has 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 or 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 indorsement of such firm or its products by the Department of Defense.

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| CSR09*<br>M39003/02- (See Specification Sheet MIL-C-39003/2 for part numbers.)<br>All cap. values, tols., 6 thru 75 volts, life failure rates M, P, R, S. | T-222 | SEPSE-TM-67-l | /2 | Kemet Electronics Corp. (1, 2) |
| CSR09*<br>M39003/02-2001 thru 2094 (B level)<br>-3001 thru 3094 (C level)<br>-4001 thru 4094 (D level)<br>All cap. values, tols., volts for Weibull graded failure rates listed. | T-222 | 39003-759-84 thru 39003-762-84<br>39003-1524-86 | /2 | Kemet Electronics Corp. (1, 2) |



DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| CSRl3*<br>M39003/0l- (See Specification Sheet MIL-C-39003/l for part numbers.)<br>All cap. values, tols., 6 thru l00 volts, life failure rates M, P, R, S. | T-2l2 | 39003-76-75 | /l | Kemet Electronics Corp. (1, 2) |
| CSR13*<br>M39003/01-6001 thru 6401 (B level)<br>-7001 thru 7388 (C level)<br>-8001 thru 8303 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-212 | 39003-749-84 thru 39003-758-84<br>39003-1523-86 | /1 | Kemet Electronics Corp. (1, 2) |
| CSS13*<br>M39003/01-2039 thru 2121 (B level)<br>3001 thru 3111 (C level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-216 | 39003-117-86 | /1 | Kemet Electronics Corp. (1, 2) |
| CSRl3*<br>M39003/0l- (See Specification Sheet MIL-C-39003/l for part numbers.)<br>All cap. values and tols., 6 thru l00 volts, life failure rates M, P, R, S. | 176D/376D | 39003-972-74 | /l | Vishay Sprague, Inc. (1) |
| CSRl3*<br>M39003/0l-6001 thru 6401 (B level)<br>-7001 thru 7401 (C level)<br>-8001 thru 8235 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | l76D/376D | 39003-1033-86 thru 39003-1048-86 | /l | Vishay Sprague, Inc. (1) |
| CSRl3*<br>M39003/0l-8236 thru 8401 (D level)<br>All cap. values, tols., 100 volts, for Weibull graded failure rates listed. | 376D | 39003-164-90 | /l | Vishay Sprague, Inc. (1) |
| CSR13*<br>C case size only, all cap. values and tols., 6 thru 100 volts for Weibull graded failure rates B, C, and D. | 176D/376D | 39003-146-97 | /1 | Vishay Sprague, Inc. (2) |
| CSR21*<br>M39003/09-0001 thru 0085<br>0101 thru 0185<br>0201 thru 0285<br>0301 thru 0385<br>All cap. values, tols., 6 thru 50 volts, life failure rates M, P, R, S. | T-262 | 39003-1259-81 | /9 | Kemet Electronics Corp. (1, 2) |
| CSR21*<br>M39003/09-2001 thru 2085 (B level)<br>-3001 thru 3085 (C level)<br>-4001 thru 4085 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-262 | 39003-769-84 thru 39003-772-84 | /9 | Kemet Electronics Corp. (1, 2) |
| CSR21*<br>M39003/09-0001 thru 0085<br>-0101 thru 0185<br>All cap. values, tols., 6 thru 50 volts, life failure rates M and P. | 576D | 39003-597-82 | /9 | Vishay Sprague, Inc. (1) |
| CSR21*<br>M39003/09-2001 thru 2085 (B level)<br>-3001 thru 3085 (C level)<br>-4001 thru 4055 (D level)<br>-4066 thru 4082 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | 576D | 39003-1656-85 thru 39003-1659-85 | /9 | Vishay Sprague, Inc. (1) |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| CSR21*<br>M39003/09-4056 thru 4065 (D level)<br>M39003/09-4083 thru 4085 (D level)<br>All cap. values, tols., 35 and 50 volts, for Weibull graded failure rates listed. | 576D | 39003-165-90 | /9 | Vishay Sprague, Inc.<br>(1) |
| CSR21*<br>C case size only, all cap. values and tols., 6 thru 50 volts for Weibull graded failure rates B, C, and D. | 576D | 39003-160-97 | /9 | Vishay Sprague, Inc.<br>(2) |
| CSR23*<br>M39003/03- (See Specification Sheet MIL-C-39003/3 for part numbers.)<br>All cap values, tols., 6 thru 50 volts, life failure rates M, P, R, S. | T-242 | 39003-673-70 | /3 | Kemet Electronics Corp.<br>(1, 2) |
| CSR23*<br>M39003/03-2001 thru 2087 (B level)<br>-3001 thru 3084 (C level)<br>-4001 thru 4084 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-242 | 39003-763-84<br>thru<br>39003-768-84 | /3 | Kemet Electronics Corp.<br>(1, 2) |
| CSR23*<br>M39003/03- (See Specification Sheet MIL-C-39003/3 for part numbers.)<br>All cap. values, tols., 6 thru 50 volts, life failure rates M, P, R. | 178D/378D | 39003-547-70 | /3 | Vishay Sprague, Inc.<br>(1) |
| CSR23*<br>M39003/03-2001 thru 2087 (B level)<br>-3001 thru 3087 (C level)<br>-4001 thru 4087 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | 178D/378D | 39003-814-87<br>thru<br>39003-819-87 | /3 | Vishay Sprague, Inc.<br>(1) |
| CSR23*<br>C case size only, all cap. values and tols., 6 thru 50 volts for Weibull graded failure rates B, C, and D. | 176D/376D | 39003-159-97 | /3 | Vishay Sprague, Inc.<br>(2) |
| CSR33*<br>M39003/06- (See Specification Sheet MIL-C-39003/6 for part numbers.)<br>All cap. values, tols., 6 thru 50 volts, life failure rates M, P, R, S. | T-252 | 39003-287-75 | /6 | Kemet Electronics Corp.<br>(1, 2) |
| CSR33*<br>M39003/06-2001 thru 2087 (B level)<br>-3001 thru 3084 (C level)<br>-4001 thru 4084 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-252 | 39003-763-84<br>thru<br>39003-768-84 | /6 | Kemet Electronics Corp.<br>(1, 2) |
| CSS33*<br>M39003/10-2503 thru 2557 (B level)<br>-3500 thru 3536 (C level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-256 | 39003-118-86 | /10 | Kemet Electronics Corp.<br>(1, 2) |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| CSR33*<br>M39003/06- (See Specification Sheet MIL-C-39003/6 for part numbers.)<br>All cap. values, tols., 6 thru 50 volts, life failure rates M and P. | l79D | 39003-555-77 | /6 | Vishay Sprague, Inc.<br>(1) |
| CSR33*<br>M39003/06-2001 thru 2087 (B level)<br>-3001 thru 3087 (C level)<br>-4001 thru 4087 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | 179D | 39003-814-87<br>thru<br>39003-819-87 | /6 | Vishay Sprague, Inc.<br>(1) |
| CSR33*<br>C case size only, all cap. values and tols., 6 thru 50 volts for Weibull graded failure rates B, C, and D. | 179D | 39003-159-97 | /6 | Vishay Sprague, Inc.<br>(2) |
| CSR9l*<br>M39003/04- (See Specification Sheet MIL-C-39003/4 for part numbers.)<br>All cap. values, tols., 6 thru l00 volts, life failure rates M, P, R, S. | T-2l3 | 39003-263-66 | /4 | Kemet Electronics Corp.<br>(1, 2) |
| CSR91*<br>M39003/04-3001 thru 3218 (B level)<br>-4001 thru 4218 (C level)<br>-5001 thru 5167 (D level)<br>All cap. values, tols., volts, for Weibull graded failure rates listed. | T-213 | 39003-749-84<br>thru<br>39003-758-84<br>39003-1523-86 | /4 | Kemet Electronics Corp.<br>(1, 2) |

| MANUFACTURER'S NAME, ADDRESS AND PLANT | CAGE CODE |
|---|---|
| Kemet Electronics Corporation<br>P.O. Box 5928<br>Greenville, SC 29606<br>Plants: 1. 2835 Kemet Way<br>Simpsonville, SC 29681<br>2. Plan de Ayutla<br>Leyes Reforma #15<br>Matamoros, Mexico | 3l433 |
| Vishay Sprague, Inc.<br>P.O. Box 231<br>678 Main Street<br>Sanford, ME 04073-0231<br>Plants: 1. Same Address<br>2. Los Bravos Avenue<br>De La Torres Late Bravo<br>Juarez, Mexico | 2N936 |

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: Kemet Electronics Corporation
Route 276 SE
Greenville, SC 29606

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

Acacia *
2750 S. Hardy Drive, Suite #2
Tempe, AZ 85282

Acacia
47490 Seabridge Drive, Bldg. B
Fremont, CA 94538

Acacia *
16592 Millikan Avenue
Irvine, CA 92714

Acacia *
6540 Lusk Boulevard, Suite C-155
San Diego, CA 92121

Acacia
3230 Scott Boulevard
Santa Clara, CA 95054

Acacia *
12421 W. 49th Street, Unit #1
Wheatridge, CO 80033

Acacia *
3101 S.W. 153rd Drive, Suite 304
Beaverton, OR 97006

Acacia *
West Park C
8563 154th Avenue, N.E.
Redmond, WA 98052

Alliance Electronics, Inc. *
7550 E. Redfield Road
Scottsdale, AZ 85260

Alliance Electronics, Inc.
3411 Bryn Mawr, N.E.
Albuquerque, NM 87107

Arm Bar Industries
P.O. Box 339
139 White Oak Lane
Old Bridge, NJ 08857

Bell Industries *
140 S. Lindon Lane
Tempe, AZ 85281

Bell Industries *
30301 Agoura Court
Agoura Hills, CA 91301

Bell Industries *
11095 E. Knott Avenue
Cypress, CA 90630

Bell Industries *
320 Technology Drive, Suite 100
Irvine, CA 92718

Bell Industries *
11812 San Vincente Boulevard
Los Angeles, CA 90049

Bell Industries *
4300 Anthony Court, Suite 100
Rocklin, CA 95677

Bell Industries *
5520 Ruffin Court
San Diego, CA 92123-1320

Bell Industries
15200 Marquardt Avenue
Santa Fe Springs, CA 90670

Bell Industries *
ll6l North Fair Oaks Avenue
Sunnyvale, CA 94089

Bell Industries *
9351 Grant Street
Thornton, CO 80221

Bell Industries *
1064 E. Main Street
Meriden, CT 06450

Bell Industries *
600 S. Northlake Boulevard
Altamonte Springs, FL 32701

Bell Industries *
3020-A Business Park Drive
Norcross, GA 30071

Bell Industries *
870 Cambridge
Elk Grove Village, IL 60007

Bell Industries *
5226 West 79th Street
Indianapolis, IN 46278

Bell Industries/J.I.T. Division *
5827 West 79th Street
Indianapolis, IN 46278

Bell Industries *
100 Burtt Road
Andover, MA 01810

Bell Industries *
8945 Guilford Road, Suite 130
Columbia, MD 21046

Bell Industries *
158 Gaither Drive
Mt. Laurel, NJ 08054

Bell Industries
ll728 Linn, N.E.
Albuquerque, NM 87l23

Bell Industries
446 Windsor Park Road
Dayton, OH 45459

Bell Industries *
9275 S.W. Nimbus Avenue
Beaverton, OR 97005

Bell Industries *
1701 Greenville Avenue
Richardson, TX 75081

Bell Industries *
6912-B South 185 W.
Midvale, UT 84047

Bell Industries
1715 114th Avenue, N.E.
Bellevue, WA 98004-6906

Bell Industries *
W226 N900 Eastmound Drive
Waukesha, WI 53186

Capsco Sales
1031 Kiel Court
Sunnyvale, CA 94089-2104

Capsco Sales *
15455 NW Greenbrier Parkway, Suite 120
Beaverton, OR 97026

Capsco Sales *
14902 N.E. 31st Circle
Redmond, WA 98052

Electro Sonic, Inc. *
237 N. Heritage Trail, S.E.
Calgary, Alberta T2H 0M6, Canada

Electro Sonic, Inc. *
4020 Viking Way
Richmond, B.C., V6U 2N2, Canada

Electro Sonic, Inc. *
1335 Carling Avenue, Suite 202
Ottawa, Ontario K1Z 8N8, Canada

Electro Sonic, Inc.
1100 Gordon Baker Road
Willowdale, Ontario M2H 3B3, Canada

Electro Sonic, Inc. *
1661 Portage Avenue
Winnipeg, Manitoba R3J 3T7, Canada

Farnell Electronic Services
18 Technology Drive, Suite 200
Irvine, CA 92718

Farnell Electronic Services
2107 N. First Street, Suite 440
San Jose, CA 95131

Farnell Electronic Services
3015 5th Avenue, N.E., Suite 210
Calgary, Alberta, Canada

Farnell Electronic Services
8535 Commerce Court, Unit 101
Burnaby, B.C., V5A 4U7, Canada

Farnell Electronic Services
1625 Dublin Avenue, Unit 250
Winnipeg, Manitoba R3H 0W3, Canada

Farnell Electronic Services
29 Robertson Road, Suite 506
Nepean, Ontario K2H 8R2, Canada

Farnell Electronic Services *
300 N. Rivermead Road
Concord, Ontario L4K 3N6, Canada

Farnell Electronic Services
6600 Trans Canada Highway, Suite 260
Pointe Claire, Quebec H9R 4S2, Canada

Farnell Electronic Services
245 Shorewood Drive
Webster, NY 14580

Golden Electronics
115 S. Walnut Circle
Greensboro, NC 27409

Hamilton/Hallmark
3030 Salt Creek Lane, Suite 300
Arlington Heights, IL 60006

Hammond Electronics
4111-B Evangel Circle, N.W.
Huntsville, AL 35816

Hammond Electronics
6600 N.W. 21st Avenue
Ft. Lauderdale, FL 33309

Hammond Electronics
1230 W. Central Boulevard
Orlando, FL 32805

Hammond Electronics
5680 Oakbrook Parkway
Norcross, GA 30093

Hammond Electronics
2923 Pacific Avenue
Greensboro, NC 27406

Jaco Electronics *
1610-A Barryesa Road
San Jose, CA 95133

Jaco Electronics *
1541-A Parkway Loop
Tustin, CA 92680

Jaco Electronics *
2282 Townsgate Road
Westlake Village, CA 91361

Jaco Electronics *
P.O. Box 471
Erie, CO 80516

Jaco Electronics *
1060 Holland Drive, Suite 3K
Boca Raton, FL 33487

Jaco Electronics *
9900 W. Sample Road
Coral Springs, FL 33065

Jaco Electronics *
1053 East Street
Tewksbury, MA 01887

Jaco Electronics. *
10270 Old Columbia Road
Columbia, MD 21046

Jaco Electronics. *
10340 Viking Drive
Eden Prairie, MN 55344

Jaco Electronics *
5206 Greens Dairy Road
Raleigh, NC 27604

Jaco Electronics *
4900 S.W. Griffith Drive
Beaverton, OR 97005

Jaco Electronics
l45 Oser Avenue
Hauppauge, L.I., NY ll787 (Category B)

Jaco Electronics *
2120-A Braker Lane
Austin, TX 78758

Jaco Electronics *
1209 N. Glenville Road
Richardson, TX 75081

Jaco Electronics *
17220 127th Place, Suite 300
Woodinville, WA 98072

Newark Electronics *
4747 West Century Boulevard
Inglewood, CA 90304-1441

Newark Electronics *
271 Attwell Drive
Etobicoke, Ontario, M9W 5B9 Canada

Newark Electronics *
1625 Trinity Drive
Mississauga, Ontario, Canada L5J 1K4

Newark Electronics *
2170 South Grape Street
Denver, CO 80222-5233

Newark Electronics *
4755 Paris Street
Denver, CO 80239

Newark Electronics *
500 North Pulaski Road
Chicago, IL 60624

Newark Electronics *
4801 North Ravenswood Avenue
Chicago, IL 60640

Newark Electronics *
20700 Hubble Avenue
Oak Park, MI 48237-0630

Newark Electronics *
336 Hoover Street, N.E.
Minneapolis, MN 55413-2965

Newark Electronics *
217 Wilcox Avenue
Gaffney, SC 29340

Newark Electronics *
707 Easy Street
Garland, TX 75042-6841

Newark Electronics *
8203 Willow Place, Suite 560
Houston, TX 77070

North American Capacitors
7545 Rockville Road
Indianapolis, IN 46224 (Category B)

Pioneer Electronics
5126 Clareton Drive
Agoura, CA 91301

Pioneer Electronics
217 Technology Drive, #110
Irvine, CA 92718

Pioneer Electronics
4370 La Jolla Village Drive
San Diego, CA 95134

Pioneer/Norwalk *
Two Trap Falls
Shelton, CT 06484

Pioneer/Chicago *
2171 Executive Drive, Suite 200
Addison, IL 60101

Pioneer/Indiana *
9350 N. Priority Way West
Indianapolis, IN 46240

Pioneer/Lexington *
44 Hartwell Avenue
Lexington, MA 02173

Pioneer Electronics *
44190 Plymouth Oaks Drive
Plymouth, MI 48170

Pioneer/Twin Cities *
7625-G Golden Triangle Drive
Eden Prairie, MN 55344

Pioneer Electronics *
14-A Madison Road
Fairfield, NJ 07006

Pioneer/Binghamton *
1249 Upper Front Street
Binghamton, NY 13904

Pioneer/Rochester *
840 Fairport Park
Fairport, NY 14450

Pioneer/Woodbury *
60 Crossways Park West
Woodbury, NY 11797

Pioneer/Cleveland *
4800 East l3lst Street
Cleveland, OH 44l05

Pioneer/Dayton
4433 Interpoint Blvd.
Dayton, OH 45424

Pioneer Electronics *
4110 S 100th E. Avenue
Tulsa, OK 74135

Pioneer/Pittsburgh *
259 Kappa Drive
Pittsburgh, PA l5238

Pioneer/Austin *
1826-D Kramer Lane
Austin, TX 78758

Pioneer/Dallas *
l3765 Beta Road
Dallas, TX 75240

Pioneer/Houston *
10530 Rockley Road
Houston, TX 77099-3529

Pioneer Electronics *
120 Bishops Way
Brookfield, WI 53005

Pioneer Technologies *
4825 University Square
Huntsville, AL 35805

Pioneer Technologies *
337 North Lake Boulevard, #1000
Altamonte Springs, FL 32702

Pioneer Technologies *
674 South Military Trail
Deerfield Beach, FL 33442

Pioneer Technologies *
4250-C Rivergreen Parkway
Duluth, GA 30136

Pioneer Technologies *
2200 Gateway Center Blvd.
Morrisville, NC 27560

Pioneer Technologies *
500 Enterprise Road
Horsham, PA 19044

Pioneer-Zentronics
4455 #6 Road
Richmond, B.C. V6V 1P8, Canada

Pioneer-Zentronics
223 Colonnade Road, Suite 112
Nepean, Ontario K2E 7K3, Canada

Pioneer-Zentronics *
520 McCaffrey Street
Ville St. Laurent, Quebec H4T 1N1
Canada

Semicap Electronics Corp.
1787 Veterans' Memorial Highway
Central Islip, NY 11722

Seymour Electronics *
600 S. North Lake Boulevard
Altamonte Springs, FL 32701

Seymour Electronics *
6410-A Dobbin Road
Columbia, MD 21045

Seymour Electronics *
520 Fellowship Road
Mt. Laurel, NJ 08054
(NOTE: Category B)

Seymour Electronics
357 Crossways Park Drive
Woodbury, NY 11797-2042

Sprague Electric
678 Main Street
Sanford, ME 04073 (QPL-39003 only)

Summit Distributors, Inc.
9l6 Main Street
Buffalo, NY l4202

Sterling Electronics *
3312 E. Broadway Road
Phoenix, AZ 85040

Sterling Electronics *
15215 Alton Parkway, Suite 100
Irvine, CA 92718

Sterling Electronics *
9340 Hayward Way, Suite 3A
San Diego, CA 92123

Sterling Electronics *
2151 Bering Drive
San Jose, CA 95131

Sterling Electronics *
31200 Via Colinas, Suite 110
Westlake, CA 91362

Sterling Electronics *
8200 S. Akron Street, Suite 111
Englewood, CO 80112

Sterling Electronics *
39 Capital Drive
Wallingford, CT 06492

Sterling Electronics *
5555 Oakbrook Parkway, Suite 350
Norcross, GA 30093

Sterling Electronics *
2050 Algonquin, Suite 608
Schaumburg, IL 60173

Sterling Electronics *
14635 W. 95th Street
Lenexa, KS 66215

Sterling Electronics *
15-D Constitution Way
Woburn, MA 01801

Sterling Electronics *
6304 Woodside Court, Suite 1115
Columbia, MD 21046-1071

Sterling Electronics *
5000 W. 78th Street
Minneapolis, MN 55435

Sterling Electronics *
87 Campus Plaza Drive
Edison, NJ 08837

Sterling Electronics *
16000 Horizon Way, #800
Mt. Laurel, NJ 08054

Sterling Electronics *
2725 Millbrook Road, Suite 123
Raleigh, NC 27604

Sterling Electronics *
3540-D Pan American Expressway
Albuquerque, NM 87107

Sterling Electronics *
6557-A Cochran Road
Solon, OH 44139

Sterling Electronics *
5119 S. 110th E. Avenue
Tulsa, OK 74146

Sterling Electronics *
11500 Metric Boulevard, Suite 495
Austin, TX 78758

Sterling Electronics *
1210 Champion Circle, Suite 100
Carrollton, TX 75006

Sterling Electronics
4201 Southwest Freeway
Houston, TX 77027

Sterling Electronics *
1615 West 2200 South
Salt Lake City, UT 84119

Sterling Electronics *
711-J Moorefield Park Drive
Richmond, VA 23236

Summit Distributors, Inc. *
292 Commerce Street
Rochester, NY l4632

T.T.I *
4625 S. Wendler Drive, Suite 108
Tempe, AZ 85282

T.T.I *
1535 McCandless Drive, Bldg. 11
Milpitas, CA 95035

T.T.I. *
15535 San Fernando Mission Blvd.
Mission Hills, CA 91345

T.T.I. *
13220 Evening Creek Drie
San Diego, CA 92128

T.T.I. *
1570 Brookhollow Suite 103
Santa Ana, CA 92128

T.T.I *
6510 W. 91st Avenue
Westminster, CO 80031

T.T.I. *
8 Fairfield Boulevard
Wallingford, CT 06492

T.T.I. *
6220 South Orange Blossom, Suite 516
Orlando, FL 32809

T.T.I. *
6410 Atlantic Boulevard
Norcross, GA 30071

T.T.I. *
1301 Basswood Road
Schaumburg, IL 60173

T.T.I. *
9300 110th Street
Overland Park, KS 66210

T.T.I. *
Two Highwood Drive
Tewksbury, MA 01876

T.T.I *
6420 Dobbin Road
Columbia, MD 21045

T.T.I. *
12301 Whitewater Drive
Minnetonka, MN 55343

T.T.I. *
4805 Green's Dairy Road
Raleigh, NC 27604

T.T.I. *
1 Executive Drive
Morrestown, NJ 08057

T.T.I. *
921 South 2nd Street
Ronkonkoma, NY 11779

T.T.I. *
4700 Rockside Road
Cleveland, OH 44131

T.T.I. *
6500 Poe Avenue, Suite 400
Dayton, OH 45414

T.T.I. *
7185 S.W. Sandburg Road, Suite 202
Tigard, OR 97223

T.T.I.
7359 Airport Freeway
Fort Worth, TX 76118

T.T.I.
2441 Northeast Parkway
Fort Worth, TX 76106-1896

T.T.I. *
10849 Kinhurst
Houston, TX 77099

T.T.I. *
9577 N.E. 153rd Street
Redmond, WA 98052

Zeus Components *
2415 West Erie Drive
Tempe, AZ 85282-3172

Zeus Components *
6 Cromwell Street
Irvine, CA 92718

Zeus Components *
6276-E San Ignacio Avenue
San Jose, CA 96119

Zeus Components *
37 Skline Drive
Lake Mary, FL 32746

Zeus Components *
1140 W. Thorndale Avenue
Itasca, IL 60143

Zeus Components *
25 Upton Drive
Wilmington, MA 01887

Zeus Components *
100 Midland Avenue
Port Chester, NY 10573

Zeus Components *
3200 Commander Drive
Carrollton, TX 75006

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: Vishay Sprague, Inc.
P.O. Box 231
Lower Main Street
Sanford, ME 04073 (MIL-C-39003)

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

Avnet, Inc.
60 S. McKemy Road
Chandler, AZ 85226

Bell Industries
446 Windsor Park Drive
Dayton, OH 45459

Capstone
3254-A Fraser Street
Aurora, CO 80111

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

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

Kent Electronics
7433 Harwin Drive
Houston, TX 77036-2015

New Yorker Electronics
420 Center Avenue
Mamaroneck, NY l0543

Spirit Electronics
15150 N. Hayden Road, Suite 104
Scottsdale, AZ 85260

T.T.I., Inc.
2441 Northeast Parkway
Fort Worth, TX 76101-1896

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