QUALIFICATIONS VALIDATED
SEMIANNUALLY

QPL-390l8-66
28 June 2000
SUPERSEDING
QPL-390l8-65
1 June 1998

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION

MIL-PRF-390l8

CAPACITORS, FIXED, ELECTROLYTIC (ALUMINUM OXIDE)

ESTABLISHED RELIABILITY AND NON-ESTABLISHED RELIABILITY

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-390l8. 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 and 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.

Inclusion on, or ommission 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 indorsement of such firm or its products by the Department of Defense.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CUl2 M39018/01-040l thru 0438 -0440 thru 0445 -0447 thru 0452 - 0455 thru 0460 - 0462 thru 0467 - 0469 thru 0474 - 050l thru 0538 - 0540 thru 0545 - 0547 thru 0552 - 0555 thru 0560 - 0562 thru 0567 - 0569 thru 0574 All cap. values and tols., in 7 thru 250 volts, except "AO" case size.	557	390l8-ll5l-65	/l	Cornell-Dubilier
CUl2 M39018/01-0401 thru 0476 -0478 thru 0481 -0489 thru 0493 -0501 thru 0576 -0578 thru 0581 -0589 thru 0593 All cap. values and tols., in 7 thru 300 volts.	600D	390l8-673-72	/l	United Chemi-Con Manufacturing, Inc.

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

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CUl3 M390l8/01-060l thru 0638 -0640 thru 0645 -0647 thru 0652 -0655 thru 0660 -0662 thru 0667 -0669 thru 0674 -070l thru 0738 -0740 thru 0745 -0747 thru 0752 -0755 thru 0760 -0762 thru 0767 -0769 thru 0774 All cap. values and tols., in 7 thru 250 volts, except "AO" case size.	557	390l8-ll5l-65	/l	Cornell-Dubilier
CURl3* M390l8/0l-l00lM thru l006M -l008M thru l0l3M -l0l6M thru l02lM -l024M thru l030M -l032M thru l038M -l040M thru l045M -l047M thru l052M -l055M thru l060M -l062M thru l067M -l069M thru l074M -ll0lM thru ll06M -ll08M thru lll3M -lll6M thru ll2lM -ll24M thru ll30M -ll32M thru ll38M -ll40M thru ll45M -1147M thru 1152M -ll55M thru ll60M -ll62M thru ll67M -ll69M thru ll74M All cap. values and tols., in 7 thru 250 volts, except "AO" case size, life failure rate M.	557	390l8-ll32-78	/l	Cornell-Dubilier
CUl3 M390l8/0l-060l thru 0676 -0678 thru 0681 -0689 thru 0693 -0701 thru 0776 -0778 thru 0781 -0789 thru 0793 All cap. values and tols., in 7 thru 300 volts.	600D	390l8-673-72	/l	United Chemi-Con Manufacturing, Inc.
CURl3* M390l8/0l-l001M, P thru l074M, P -1089M, P thru 1090M, P -ll0lM, P thru ll74M, P -1189M, P thru 1190M, P All cap. values and tols., in 7 thru 250 volts, life failure rates M and P.	600D	390l8-665-78	/l	United Chemi-Con Manufacturing, Inc.
CUl4 M390l8/02-040l thru 0446 -050l thru 0546 All cap. values and tols., in 7 thru 250 volts.	6l0D	390l8-84l-65	/2	United Chemi-Con Manufacturing, Inc.
CUl5 M390l8/02-060l thru 0646 -070l thru 0746 All cap. values and tols., in 7 thru 250 volts.	6l0D	390l8-84l-65	/2	United Chemi-Con Manufacturing, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CUl6 M390l8/03-040l thru 0475 -050l thru 0575 All cap. values and tols., in 7 thru 200 volts.	057	390l8-ll42-69	/3	Cornell-Dubilier
CUl6 M390l8/03-040l thru 0498 -050l thru 0598 All cap. values and tols., in 7 thru 350 volts.	60lD	390l8-674-72	/3	United Chemi-Con Manufacturing, Inc.
CUl7 M390l8/03-060l thru 0675, -0699 -070l thru 0775, -0799 All cap. values and tols., in 7 thru 200 volts.	057	390l8-ll42-69	/3	Cornell-Dubilier
CUl7 M390l8/03-060lH thru 0675H, -0699H -070lH thru 0775H, -0799H All cap. values and tols., in 7 thru 200 volts.	057	390l8-ll33-78	/3	Cornell-Dubilier
CUR17* M39018/03-1001M thru 1075M, -1099M -1101M thru 1175M, -1199M -1201M thru 1275M, -1299M -1301M thru 1375M, -1399M All cap. values and tols., in 7 thru 200 volts, life failure rate M.	057	39018-1133-78	/3	Cornell-Dubilier
CUl7 M390l8/03-060l thru 0699 -070l thru 0799 All cap. values and tols., in 7 thru 350 volts.	60lD	390l8-674-72	/3	United Chemi-Con Manufacturing, Inc.
CUl7 M390l8/03-060lH thru 0699H -070lH thru 0799H All cap. values and tols., in 7 thru 350 volts.	60lD	390l8-3l8-73	/3	United Chemi-Con Manufacturing, Inc.
CURl7* M390l8/03-l00lM, P thru l091M, P, 1099M, P ll0lM, P thru ll91M, P, 1199M, P l20lM, P thru l291M, P, 1299M, P l30lM, P thru l391M, P, 1399M, P All cap. values and tols., in 7 thru 350 volts, life failure rates M and P.	60lD	390l8-666-78	/3	United Chemi-Con Manufacturing, Inc.
CURl9* M390l8/07-000lM thru 0l28M -020lM thru 0328M All cap. values and tols., in 5 thru 200 volts, life failure rate M..	604D	390l8-668-78	/7	United Chemi-Con Manufacturing, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
CU7l M390l8/04-000l thru 0058 -l002 thru l206 All cap. values and tols., in 5 thru l00 volts.	CU7l	390l8-852-78	/4	Cornell-Dubilier
CUR7l* M390l8/04-200lM thru 2209M All cap. values and tols., in 5 thru l00 volts, life failure rate M.	CUR7l	390l8-852-78	/4	Cornell-Dubilier
CUR9l* M390l8/06-000lM thru 0l97M All cap. values and tols., in 5 thru l00 volts, life failure rate M.	l0l	390l8-853-78	/6	Cornell-Dubilier

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Cornell-Dubilier 140 Technology Place Liberty, SC 29657 Plant: Same Address	00853
United Chemi-Con Manufacturing, Inc. 185 McNeil Road Lansing, NC 28643-8301 Plant: Barker Microfarads, Inc. P.O. Box 697 Hillsville, VA 24343	7M138

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: Cornell-Dubilier
140 Technology Place
Liberty, SC 29657 (MIL-PRF-39001 and -39018)

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

Almac/Arrow (Portland) *
1885 N.W. 169th Place
Beaverton, OR 97006

Almac/Arrow (Seattle) *
14360 S.E. Eastgate Way
Bellevue, WA 98007

Arizona Components Company
2901-A W. McDowell Road
Phoenix, AZ 85009

BDS Electronics, Inc.
3946 W. Segerstrom Avenue
Santa Ana, CA 92704

Bell Industries, Inc.
140 S. Lindon Lane, #102
Tempe, AZ 85281

Bell Industries, Inc.
30101 Agoura Court, Suite 118
Agoura Hills, CA 91301

Bell Industries, Inc.
11095-E Knott Avenue
Cypress, CA 90630

Bell Industries, Inc.
11812 San Vincente Boulevard
Los Angeles, CA 90049

Bell Industries, Inc.
1164 North Fairoaks Avenue
Sunnyvale, CA 94089

Bell Industries, Inc.
1873 S. Bellaire Street
Denver, CO 80222

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

Bell Industries, Inc.
3433 E. Washington Boulevard
Fort Wayne, IN 46803

Bell Industries, Inc.
5230 W. 79th Street
Indianapolis, IN 46268

Bell Industries, Inc.
100 Burtt Road, Suite 106
Andover, MA 01810

Bell Industries, Inc.
11728 Linn, N.E.
Albuquerque, NM 87123

Bell Industries, Inc.
444 Windsor Park Drive
Dayton, OH 45459

Bell Industries, Inc.
446 Windsor Park Drive
Dayton, OH 45459

Bell Industries, Inc.
2556 Metropolitan Drive
Trevose, PA 19053

Bell Industries, Inc.
8553 1154th Avenue, N.E.
Redmond, WA 98052

Hamilton Hallmark
4890 University, Suite 1
Huntsville, AL 35805

Hamilton Hallmark
4637 South 36th Place
Phoenix, AZ 85040

Hamilton Hallmark
9420 Topanga Canyon Boulevard
Chatsworth, CA 91311

Hamilton Hallmark
#1 Maughly
Irvine, CA 92718

Hamilton Hallmark
580 Menlo Drive, Suite 2
Rocklin, CA 95677

Hamilton Hallmark
3940 Ruffin Road
San Diego, CA 92123

Hamilton Hallmark
2105 Lundy Lane
San Jose, CA 95131

Hamilton Hallmark
12503 E. Euclid Drive
Englewood, CO 80111

Hamilton Hallmark
489 E. Semoran Blvd., Suite 145
Casselberry, FL 32707

MANUFACTURER: Cornell-Dubilier

Hamilton Hallmark
10491 72nd Street, N.
Largo, FL 34647

Hamilton Hallmark
3161 S.W. 15th Street
Pompano Beach, FL 33069

Hamilton Hallmark
3425-A Corporate Way
Duluth, GA 30136

Hamilton Hallmark
10240 Old Columbia Road
Columbia, MD 21046

Hamilton Hallmark
5234 Green's Dairy Road
Raleigh, NC 27604

Hamilton Hallmark
200 Lanidex Plaza
Parsippany, NJ 07054

Hamilton Hallmark
6605 Pittsford Palmyra Road
Suite E-8 Black Watch Office Park
Fairport, NY 14450

Hamilton Hallmark
3075 Veterans Memorial Highway
Ronkonkoma, NY 11779

Hamilton Hallmark
5411 S. 125th East Avenue, #305
Tulsa, OK 74146

Hamilton Hallmark
12211 Technology Boulevard
Austin, TX 78727

Hamilton Hallmark
11420 Pagemill Drive
Dallas, TX 75243

Hamilton Hallmark
8000 Westglen
Houston, TX 77063

Hamilton Hallmark
250 N.W. 39th Street, Suite #4
Seattle, WA 98107

Hammond Electronics, Inc.
1230 W. Central Boulevard
Orlando, FL 32802

Integrated Electronics Corp. *
16 Technology Drive
Irvine, CA 92718

Integrated Electronics Corp.
420 East 58th Street
Denver, CO 80216

Integrated Electronics Corp.
5750 N. Logan Street
Denver, CO 80216

Integrated Electronics Corp. *
2200 Stonington Avenue
Hoffman Estates, IL 60195

Integrated Electronics Corp. *
6850-B S.W. 105th Avenue
Beaverton, OR 97005

Integrated Electronics Corp. *
2117 South 3600 West
West Valley City, UT 84119

Integrated Electronics Corp. *
1750-J 124th Avenue, N.E.
Bellevue, WA 98005

Jaco Electronics *
2880 Zanker Road, Suite 103A
San Jose, CA 95134

Jaco Electronics *
1541 Parkway Loop A
Tustin, CA 92680

Jaco Electronics *
2260 Townsgate Road
Westlake Village, CA 91361

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

Jaco Electronics *
1053 East Street
Tewksbury, MA 01876

Jaco Electronics *
10270 Old Columbia Road
Columbia, MD 21046

Jaco Electronics *
5206 Green's Dairy Road
Raleigh, NC 27604

Jaco Electronics, Inc.
145 Oser Avenue
Hauppauge, NY 11787

Jaco Electronics *
4251 Kellway Circle
Addison, TX 75244

MANUFACTURER: Cornell-Dubilier

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

Jaco Electronics *
10707 Corporate Drive
Stafford, TX 77477

Kent Electronics *
15455 N. Greenway-Hayden Loop
Scottsdale, AZ 85260

Kent Electronics *
6195 Cornerstone Court, E.
San Diego, CA 92121

Kent Electronics *
1520 Montague Expressway
San Jose, CA 95131

Kent Electronics *
2115 De La Cruz Boulevard
Santa Clara, CL 95050

Kent Electronics *
19210 Van Ness Avenue
Torrance, CA 90501-2891

Kent Electronics *
47 Episcopal Road
Berlin, CO 06037

Kent Electronics *
1500 West Hampden Avenue
Building 4, Suite 4-A
Englewood, CO 80110

Kent Electronics *
7247-B Brian Dairy Road
Largo, FL 34647

Kent Electronics *
5300 N. Park Place, Suite 110
Cedar Rapids, IA 52402

Kent Electronics
651 Fargo Avenue
Elk Grove Village, IL 60007

Kent Electronics *
2190 N. Gladstone Court
Glendale Heights, IL 60139

Kent Electronics *
21 Alpha Road
Chelmsford, MA 01824

Kent Electronics
2515 Wabash
St. Paul, MN 55114

Kent Electronics *
9515 Gerwig Lane #120
Columbia, MO 21046

Kent Electronics *
5494 Brown Road
Hazelwood, MO 63042

Kent Electronics *
3121-B South Dodgion
Independence, MO 64055

Kent Electronics *
1727 N. Ocean Avenue
Medford, L.I., NY 11763

Kent Electronics *
8625 S.W. Cascade, Suite 220
Beaverton, OR 97005

Kent Electronics *
2213 W. Braker Lane
Austin, TX 78758-4031

Kent Electronics
5600 Bonhomme Road
Houston, TX 77036-2079

Kent Electronics *
1060 Presidential Drive, Suite 170
Richardson, TX 75081-2437

Kent Electronics *
8469 154th Avenue, N.E.
Redmond, WA 98052

Marsh Electronics, Inc.
1563 South 101st
Milwaukee, WI 53214

N R C
1225 Broken Sound Parkway
Boca Raton, FL 33487

New Yorker Electronics, Inc.
1103 W. Hibiscus Boulevard, Suite 401
Melbourne, FL 32901

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

Newark Electronics
4800 N. Ravenswood Avenue
Chicago, IL 60640

Passive Components, Inc.
20645 Bahama Street
Chatsworth, CA 91311

MANUFACTURER: Cornell-Dubilier

Pioneer Standard
217 Technology Drive, #110
Irvine CA 92718

Pioneer Standard
Two Trap alls, #101
Shelton, CT 06484

Pioneer Standard
2171 Executive Drive, Suite 200
Addison, IL 60101

Pioneer Standard
9350 N. Priority Way
Indianapolis, IN 46240

Pioneer Standard
44 Hartwell Avenue
Lexington, MA 02173

Pioneer Standard
4505 Broadmoor, S.E.
Grand Rapids, MI 49508

Pioneer Standard
13485 Stamford
Livonia, MI 48150

Pioneer Standard
7625 Golden Triangle
Eden Prairie, MN 55344

Pioneer Standard
2029 Woodland Parkway, Suite 101
St. Louis, MO 63146

Pioneer Standard
14-A Madison Road
Fairfield, NJ 07006

Pioneer Standard
1249 Upper Front Street, Suite 201
Binghamton, NY 13901

Pioneer Standard
840 Fairport Park
Fairport, NY 14450

Pioneer Standard
60 Crossways Park West
Woodbury, NY 11797

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

Pioneer Standard
4433 Interpoint Blvd.
Dayton, OH 45424

Pioneer Standard
1826-D Kramer Lane
Austin, TX 78758

Pioneer Standard
13765 Beta Road
Dallas, TX 75244

Pioneer Standard
13710 Omega Road
Dallas, TX 75234

Pioneer Standard
10530 Rockley Road, Suite 100
Houston, TX 77099

Pioneer Standard
120 Bishops Way, #134
Brookfield, WI 53005

Projections Unlimited, Inc.
10054 Mesa Ridge Court, Suite 114
San Diego, CA 92121

Projections Unlimited, Inc.
14831 Myford Road
Tustin, CA 92680

Resource Electronics
P.O. Box 368
746 Vermont Street
Palatine, IL 60067-7194

Sherburn Electronics Corp. *
175 Commerce Drive
Hauppauge, NY 11788

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

T T I, Inc. *
1535 McCandless Drive
Milpitas, CA 95035

T T I, Inc. *
10200 Sepulveda Blvd.
Mission Hills, CA 91349

T T I, Inc. *
13220 Evening Creek Road
San Diego, CA 92121

T T I, Inc. *
1570 Brookhollow, Suite 103
Santa Ana, CA 92705

T T I, Inc. *
6510 W. 91st Avenue
Westminster, CO 80030

MANUFACTURER: Cornell-Dubilier

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

T T I, Inc. *
6220 S. Orange Blossom Trail, Suite 516
Orlando, FL 32809

T T I, Inc. *
2979-A Pacific Drive
Norcross, GA 30071

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

T T I, Inc. *
100 Research Drive
Wilmington, MA 01887

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

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

T T I, Inc. *
100 Century Parkway, Suite 120
Mt. Laurel, NJ 08054

T T I, Inc. *
921 South Second Street
Ronkonkoma, NY 11779

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

T T I, Inc. *
4700 Rockside Road
Independence, OH 44131

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

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

T T I, Inc. *
10849 Kinghurst, Suite 135
Houston, TX 77099

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

Tonar Industries, Inc.
419 Franklin Avenue
Rockaway, NY 07866

Tri-Start *
134 Remington Boulevard
Ronkonkoma, L.I., NY 11779

Waldom Electronics, Inc.
4301 W. 69th Street
Chicago, IL 60629

Williams Components Services, Inc.
11422 Harry Hines Blvd., Suite 126
Dallas, TX 75229
(Category B - Retinning)

Zeus Components, Inc.
100 Midland Avenue
Port Chester, NY 10573

AUTHORIZED ER DISTRIBUTORS: (Category A unless otherwise specified)

MANUFACTURER: United Chemi-Con Manufacturing, Inc.
185 McNeil Road
Lansing, NC 28643-8301 (MIL-PRF-39018)

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

Advacom
5620 West Road
McKean, PA 16426

All American
16115 N.W. 52nd Avenue
Miami, FL 33014

Arizona components
2901 W. McDowell Road
Phoenix, AZ 85009

Armor Electronics
1051 East Street
Tewksbury, MA 01876

Arrow electronics
3254-A Fraser Street
Aurora, CO 80011

Bell/Milgray
11812 san Vincente Boulevard, Suite 300
Los Angeles, CA 90049

Breven Electronics
6 Continental Boulevard
Merrimack, NH 03054

Electro Sonic, Inc.
4020 Viking Way
Richmond, B.C., Canada V6V 2N2

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

Hammond Electronics
1230 W. Central Boulevard
Orlando, FL 32805

Kam Electronics
400 Borden Avenue, N.
Seattle, WA 98109

Kelex Electronics
20722 Linear Lane
Lake Forest, CA 92630

Marsh Electronics, Inc.
1563 South 101st
Milwaukee, WI 53214

Marshall Electronics
9320 Telstar Avenue
El Monte, CA 91731

Midstate Electronics
71 South Turnpike
Wallingford, CT 06492

NEP Electronics
805 Mittel Drive
Wood Dale, IL 60191

NRC Electronics
6600 Park of Commerce Boulevard
Boca Raton, FL 33487

New Yorker Electronics
420 Center Avenue
Mamaroneck, NY 10543

Newark Electronics
4801 N. Ravenswood
Chicago, IL 60640-9496

Pridmore electronics
150-B East Drive
Melbourne, FL 32904

Projections Unlimited, Inc.
14831 Myford Road
Tustin, CA 92680

Richardson Electronics
40W 267 Keslinger Road
La Fox, IL 60147

Richey Electronics
580 Granite Court
Pickering, Ontario, Canada L4W 3Z4

Russell Industries
3000 Lawson Boulevard
Oceanside, NY 11572

Schuster Electronics
11320 Grooms Road
Cincinnati, OH 45242

Schuten Electronics
4100 Warren Avenue
Hillside, IL 60162

Sterling Electronics
2159 Bering Drive
San Jose, CA 95131

TTI, Inc.
2441 Northeast Parkway
Fort Worth, TX 76106

MANUFACTURER: United Chemi-Con (Continued)

Taylor Electric
1000 W. Donges Bay Road
Mequon, WI 53092

Tonar Industries
419 Franklin Avenue
Rockaway, NJ 07886

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

VSH Electronics
300-Q North Pottstown Pike
Exton, PA 19341