

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	Added suggested sources of supply.	11 May 88	D. Moore
B	Added suggested source of supply and made corrections.	27 Feb 90	D. Moore
C	Added and deleted suggested sources of supply. Modified manufacturer's PINs. Changes to 3.2.6 and 6.1. Editorial changes throughout.	18 Jan 94	D. Moore
D	Changes in accordance with NOR 5910-R020-96	23 May 96	A. Ernst
E	Revised sources of supply, added alternate marking method, made editorial changes, and converted references to MIL-PRF-49467.	5 April 99	J. Crum
F	Moved solderability testing from group A to group B. Updated suggested sources of supply.	10 April 00	Kendall A. Cottongim
G	Removed suggested source of supply. Added note 4 to figure 1. Added capacitor tolerance note to 3.2.8.	16 January 01	Kendall A. Cottongim
H	Added suggested source of supply. Changed Johanson Dielectrics CAGE code.	12 September 01	Kendall A. Cottongim
J	Updated name and address of vendor C.	4 November 02	Kendall A. Cottongim
K	Added Johanson Dielectrics as a suggested source of supply.	18 August 2004	Kendall A. Cottongim
L	Revised part numbers for vendors A and C. Removed vendor H. Updated address for vendor E.	21 December 2006	Michael A. Radecki
M	Added CalRamic Technologies as a suggested source of supply.	19 April 2007	Michael A. Radecki

CURRENT DESIGN ACTIVITY CAGE CODE 037Z3
 DEFENSE LOGISTICS AGENCY
 DEFENSE SUPPLY CENTER COLUMBUS
 COLUMBUS, OHIO 43218-3990

Prepared in accordance with [ASME Y14.100](#)

Selected item drawing

REV STATUS OF PAGES	REV	M	M	M	M	M	M	M	M	M							
	PAGES	1	2	3	4	5	6	7	8	9							
PMIC N/A	PREPARED BY ROBERT E. GRILLOT							DEFENSE ELECTRONIC SUPPLY CENTER DAYTON, OH									
Original date of drawing 22 September 1987	CHECKED BY EDWARD H. BACK							TITLE CAPACITORS, CERAMIC, MULTILAYER, HIGH VOLTAGE, CG, 3,000 V DC									
	APPROVED BY DAVID E. MOORE																
	SIZE A	CODE IDENT. NO. 14933					DWG NO. 87114										
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1. SCOPE

1.1 Scope. This drawing and [MIL-PRF-49467](#) describe the complete requirements for high voltage multilayer ceramic capacitors.

1.2 Part or Identifying Number (PIN). The complete PIN shall be as follows:



2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements of documents cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

DEPARTMENT OF DEFENSE SPECIFICATIONS

[MIL-PRF-49467](#) - Capacitor, Fixed, Ceramic, Multilayer, High Voltage (General Purpose), Established Reliability, General Specification for.

DEPARTMENT OF DEFENSE STANDARDS

[MIL-STD-202](#) - Test Methods Standard Electronics and Electrical Component Parts.
[MIL-STD-1285](#) - Marking of Electrical and Electronic Parts.

(Copies of these documents are available online at <http://assist.daps.dla.mil/quicksearch/> or <http://www.assist.daps.dla.mil/> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 Interface and physical dimensions. The interface and physical dimensions shall be as specified in [MIL-PRF-49467](#) and herein (see [figure 1](#)).

3.1.1 Leads. Leads shall be solder coated. Tin plating is prohibited as a final finish or as an undercoat. Tin-lead (Sn-Pb) finishes are acceptable provided that the minimum lead content is 3 percent.

3.1.2 Case. Epoxy, conformally coated.

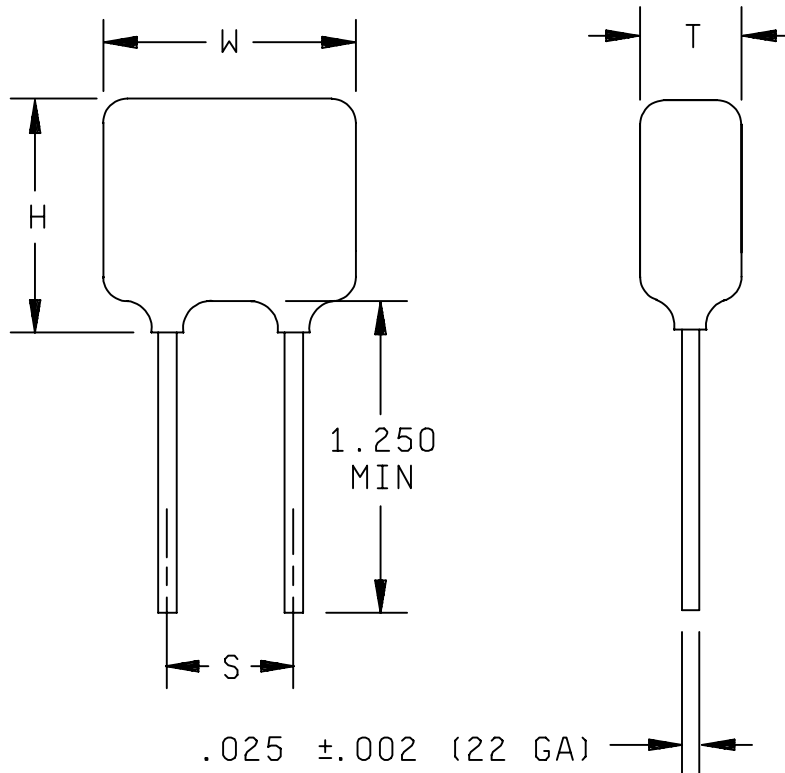
3.1.3 Operating temperature range. The operating temperature range shall be -55°C to +125°C.

3.2 Electrical characteristics.

3.2.1 Rated voltage. The rated voltage shall be 3,000 volts dc.

3.2.2 Dielectric type. CG.

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Case code	Sizes (max.)			Lead spacing $\pm .030$ (S)
	Width (W)	Height (H)	Thickness (T)	
A	.320	.280	.250	.220
B	.370	.300	.250	.275
C	.470	.400	.270	.375
D	.570	.500	.270	.475
E	.670	.600	.270	.575
F	.770	.720	.270	.675

Inches	mm	Inches	mm
.002	0.05	.400	10.16
.025	0.64	.470	11.94
.030	0.76	.475	12.07
.220	5.59	.500	12.70
.250	6.35	.570	14.48
.270	6.86	.575	14.61
.275	6.99	.600	15.24
.280	7.11	.670	17.02
.300	7.62	.675	17.15
.320	8.13	.720	18.29
.370	9.40	.770	19.56
.375	9.53	1.250	31.75

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. H dimension includes meniscus.
4. S dimension shall be maintained from chip body to end of leads.

FIGURE 1. Case dimensions and configuration.

DEFENSE ELECTRONIC SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 87114
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3.2.3 Temperature coefficient. 0 ppm/°C ±30 ppm/°C. (For MIL-PRF-49467 group B voltage temperature limits, use step a through step d only.)

3.2.4 Capacitance. See table I. Measured in accordance with method 305 of MIL-STD-202. Capacitance values ≤ 100 pF: 1 MHz at 1.0 V rms at +25°C. Capacitance values > 100 pF: 1 kHz at 1.0 V rms at +25°C.

3.2.5 Dissipation factor (+25°C). 0.1 percent maximum (measured under the same conditions as capacitance).

3.2.6 Insulation resistance. Measured in accordance with method 302 of MIL-STD-202 with charging current limited to 50 mA. Two minutes maximum charging time. At +25°C, 500 V dc: 100,000 megohms or 1,000 megohms microfarad, whichever is less. At +125°C, 500 V dc: 10,000 megohms or 100 megohms microfarad, whichever is less.

3.2.7 Dielectric withstanding voltage. 1.2 times rated voltage.

3.2.8 Capacitance tolerance. J = ±5 percent, K = ±10 percent. J tolerance parts may be substituted for K tolerance parts, with procuring activity approval.

3.3 Solderability of terminals. In accordance with MIL-PRF-49467.

3.4 Vibration. In accordance with MIL-PRF-49467.

3.5 Shock. In accordance with MIL-PRF-49467, with rated voltage and three blows in each of six directions.

3.6 Immersion cycling. In accordance with MIL-PRF-49467.

3.7 Moisture resistance. In accordance with MIL-PRF-49467 with 20 continuous cycles.

3.8 Life. One hundred percent of rated voltage applied at +125°C for 1,000 hours. Resistors with a high value such as 1 megohm may be used in series with each part under test in lieu of fuses.

3.9 Thermal shock. Method 107 of MIL-STD-202, test condition B except low temperature is -55°C.

3.10 Voltage conditioning. In accordance with MIL-PRF-49467, 100 percent of rated voltage. Resistors with a high value such as 1 megohm may be used in series with each part under test in lieu of fuses.

3.11 Terminal strength. In accordance with MIL-PRF-49467.

3.12 Marking. Marking shall be in accordance with MIL-STD-1285 except the capacitors shall be marked with the PIN as specified in 1.2, the manufacturer's name or Commercial and Government Entity (CAGE) code, and date lot code as a minimum. Case codes A and B (at the option of the manufacturer) may be marked as indicated below with full marking on the package.

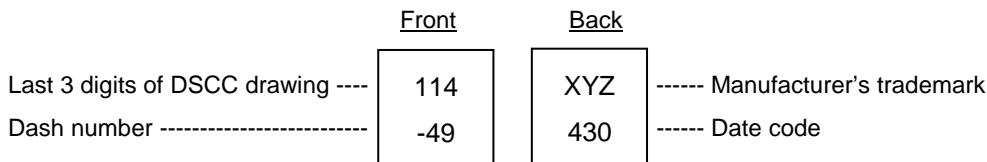


FIGURE 2. Alternate marking method for A and B case codes.

3.13 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.14 Certificate of compliance. A certificate of compliance shall be required from manufacturers requesting to be a suggested source of supply.

3.15 Workmanship. Capacitors shall be uniform in quality and free from any defects that will affect life, serviceability, or appearance.

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TABLE I. Electrical characteristics

DSCC drawing 87114-	Capacitance	Capacitance tolerance	Case code	DSCC drawing 87114-	Capacitance	Capacitance tolerance	Case code
01	10 pF	J	A	37	330 pF	J	A
02	10 pF	K	A	38	330 pF	K	A
03	12 pF	J	A	39	390 pF	J	A
04	12 pF	K	A	40	390 pF	K	A
05	15 pF	J	A	41	470 pF	J	A
06	15 pF	K	A	42	470 pF	K	A
07	18 pF	J	A	43	560 pF	J	A
08	18 pF	K	A	44	560 pF	K	A
09	22 pF	J	A	45	680 pF	J	B
10	22 pF	K	A	46	680 pF	K	B
11	27 pF	J	A	47	820 pF	J	C
12	27 pF	K	A	48	820 pF	K	C
13	33 pF	J	A	49	1000 pF	J	C
14	33 pF	K	A	50	1000 pF	K	C
15	39 pF	J	A	51	1200 pF	J	C
16	39 pF	K	A	52	1200 pF	K	C
17	47 pF	J	A	53	1500 pF	J	C
18	47 pF	K	A	54	1500 pF	K	C
19	56 pF	J	A	55	1800 pF	J	D
20	56 pF	K	A	56	1800 pF	K	D
21	68 pF	J	A	57	2200 pF	J	D
22	68 pF	K	A	58	2200 pF	K	D
23	82 pF	J	A	59	2700 pF	J	D
24	82 pF	K	A	60	2700 pF	K	D
25	100 pF	J	A	61	3300 pF	J	D
26	100 pF	K	A	62	3300 pF	K	D
27	120 pF	J	A	63	3900 pF	J	D
28	120 pF	K	A	64	3900 pF	K	D
29	150 pF	J	A	65	4700 pF	J	E
30	150 pF	K	A	66	4700 pF	K	E
31	180 pF	J	A	67	5600 pF	J	E
32	180 pF	K	A	68	5600 pF	K	E
33	220 pF	J	A	69	6800 pF	J	F
34	220 pF	K	A	70	6800 pF	K	F
35	270 pF	J	A	71	8200pF	J	F
36	270 pF	K	A	72	8200pF	K	F

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4. VERIFICATION

4.1 Qualification inspection. Qualification inspection is not required.

4.2 Conformance inspection.

4.2.1 Inspection of product for delivery. Inspection of product for delivery shall consist of all tests specified in group A and group B inspections of MIL-PRF-49467, provided they are listed in this drawing. PPM testing and calculation is not applicable. Solderability testing shall be performed as a separate subgroup of group B inspection with a sample size of 3 units and 0 defectives permitted.

4.2.2 Certification. The procuring activity, at its discretion, may accept a certificate of compliance with group B requirements in lieu of performing group B tests (see 6.2d).

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature which may be helpful, but is not mandatory.)

6.1 Intended use. Capacitors conforming to this drawing are intended for use when military specifications do not exist and qualified military devices that will perform the required function are not available for original equipment manufacturer application. This drawing is intended exclusively to prevent the proliferation of unnecessary duplicate specifications, drawings, and stock catalog listings. When a military specification exists and the product covered by this drawing has been qualified for listing, this drawing becomes obsolete and will not be used for new design.

6.2 Ordering data. The contract or purchase order should specify the following:

- a. Complete PIN (see 1.2).
- b. Requirements for delivery of one copy of the conformance inspection data or certificate of compliance that parts have passed conformance inspection with each shipment of parts by the manufacturer.
- c. Requirements for packaging and packing.
- d. Whether the manufacturer performs the group B tests or provides certification of compliance with group B requirements.
- e. Requirements for notification of change of product to procuring activity, if applicable.

6.3 Replaceability. Capacitors covered by this drawing will replace the same commercial device covered by contractor prepared specification or drawing.

6.4 Users of record. Coordination of this document for future revisions are coordinated only with the suggested sources of supply and the users of record of this document. Requests to be added as a recorded user of this drawing should be in writing to: Defense Supply Center, Columbus, ATTN: DSCC/VAT, Post Office Box 3990, Columbus, OH 43218-3990 or e-mailed to capacitorfilter@dscclia.mil also by telephone (614) 692-4709 or DSN 850-4709.

6.5 Suggested sources of supply. Suggested sources of supply are listed herein. Additional sources will be added as they become available. For assistance in the use of this drawing, contact Defense Supply Center, Columbus, ATTN: DSCC-VAT, Post Office Box 3990, Columbus, OH 43218-3990 or e-mailed to capacitorfilter@dscclia.mil also by telephone (614) 692-4709 or DSN 850-4709.

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<u>1/</u> DSCC drawing PIN 87114-	Vendor A similar vendor type	Vendor B similar vendor type	Vendor C similar vendor type	Vendor D similar vendor type	Vendor E similar vendor type	Vendor F similar vendor type	Vendor G similar vendor type	Vendor H similar vendor type
01	SV02HA100JHA	2020CN100JA302	302H46N100JQ3H	UTC4130-01	129326-01	PCI1553-01	2020N100J302LEXH	30HV02N100JM
02	SV02HA100KHA	2020CN100KA302	302H46N100KQ3H	UTC4130-02	129326-02	PCI1553-02	2020N100K302LEXH	30HV02N100KM
03	SV02HA120JHA	2020CN120JA302	302H46N120JQ3H	UTC4130-03	129326-03	PCI1553-03	2020N120J302LEXH	30HV02N120JM
04	SV02HA120KHA	2020CN120KA302	302H46N120KQ3H	UTC4130-04	129326-04	PCI1553-04	2020N120K302LEXH	30HV02N120KM
05	SV02HA150JHA	2020CN150JA302	302H46N150JQ3H	UTC4130-05	129326-05	PCI1553-05	2020N150J302LEXH	30HV02N150JM
06	SV02HA150KHA	2020CN150KA302	302H46N150KQ3H	UTC4130-06	129326-06	PCI1553-06	2020N150K302LEXH	30HV02N150KM
07	SV02HA180JHA	2020CN180JA302	302H46N180JQ3H	UTC4130-07	129326-07	PCI1553-07	2020N180J302LEXH	30HV02N180JM
08	SV02HA180KHA	2020CN180KA302	302H46N180KQ3H	UTC4130-08	129326-08	PCI1553-08	2020N180K302LEXH	30HV02N180KM
09	SV02HA220JHA	2020CN220JA302	302H46N220JQ3H	UTC4130-09	129326-09	PCI1553-09	2020N220J302LEXH	30HV02N220JM
10	SV02HA220KHA	2020CN220KA302	302H46N220KQ3H	UTC4130-10	129326-10	PCI1553-10	2020N220K302LEXH	30HV02N220KM
11	SV02HA270JHA	2020CN270JA302	302H46N270JQ3H	UTC4130-11	129326-11	PCI1553-11	2020N270J302LEXH	30HV02N270JM
12	SV02HA270KHA	2020CN270KA302	302H46N270KQ3H	UTC4130-12	129326-12	PCI1553-12	2020N270K302LEXH	30HV02N270KM
13	SV02HA330JHA	2020CN330JA302	302H46N330JQ3H	UTC4130-13	129326-13	PCI1553-13	2020N330J302LEXH	30HV02N330JM
14	SV02HA330KHA	2020CN330KA302	302H46N330KQ3H	UTC4130-14	129326-14	PCI1553-14	2020N330K302LEXH	30HV02N330KM
15	SV02HA390JHA	2020CN390JA302	302H46N390JQ3H	UTC4130-15	129326-15	PCI1553-15	2020N390J302LEXH	30HV02N390JM
16	SV02HA390KHA	2020CN390KA302	302H46N390KQ3H	UTC4130-16	129326-16	PCI1553-16	2020N390K302LEXH	30HV02N390KM
17	SV02HA470JHA	2020CN470JA302	302H46N470JQ3H	UTC4130-17	129326-17	PCI1553-17	2020N470J302LEXH	30HV02N470JM
18	SV02HA470KHA	2020CN470KA302	302H46N470KQ3H	UTC4130-18	129326-18	PCI1553-18	2020N470K302LEXH	30HV02N470KM
19	SV02HA560JHA	2020CN560JA302	302H46N560JQ3H	UTC4130-19	129326-19	PCI1553-19	2020N560J302LEXH	30HV02N560JM
20	SV02HA560KHA	2020CN560KA302	302H46N560KQ3H	UTC4130-20	129326-20	PCI1553-20	2020N560K302LEXH	30HV02N560KM
21	SV02HA680JHA	2020CN680JA302	302H46N680JQ3H	UTC4130-21	129326-21	PCI1553-21	2020N680J302LEXH	30HV02N680JM
22	SV02HA680KHA	2020CN680KA302	302H46N680KQ3H	UTC4130-22	129326-22	PCI1553-22	2020N680K302LEXH	30HV02N680KM
23	SV02HA820JHA	2020CN820JA302	302H46N820JQ3H	UTC4130-23	129326-23	PCI1553-23	2020N820J302LEXH	30HV02N820JM
24	SV02HA820KHA	2020CN820KA302	302H46N820KQ3H	UTC4130-24	129326-24	PCI1553-24	2020N820K302LEXH	30HV02N820KM
25	SV02HA101JHA	2020CN101JA302	302H46N101JQ3H	UTC4130-25	129326-25	PCI1553-25	2020N101J302LEXH	30HV02N101JM
26	SV02HA101KHA	2020CN101KA302	302H46N101KQ3H	UTC4130-26	129326-26	PCI1553-26	2020N101K302LEXH	30HV02N101KM
27	SV02HA121JHA	2020CN121JA302	302H46N121JQ3H	UTC4130-27	129326-27	PCI1553-27	2020N121J302LEXH	30HV02N121JM
28	SV02HA121KHA	2020CN121KA302	302H46N121KQ3H	UTC4130-28	129326-28	PCI1553-28	2020N121K302LEXH	30HV02N121KM
29	SV02HA151JHA	2020CN151JA302	302H46N151JQ3H	UTC4130-29	129326-29	PCI1553-29	2020N151J302LEXH	30HV02N151JM
30	SV02HA151KHA	2020CN151KA302	302H46N151KQ3H	UTC4130-30	129326-30	PCI1553-30	2020N151K302LEXH	30HV02N151KM
31	SV02HA181JHA	2020CN181JA302	302H46N181JQ3H	UTC4130-31	129326-31	PCI1553-31	2020N181J302LEXH	30HV02N181JM
32	SV02HA181KHA	2020CN181KA302	302H46N181KQ3H	UTC4130-32	129326-32	PCI1553-32	2020N181K302LEXH	30HV02N181KM
33	SV02HA221JHA	2020CN221JA302	302H46N221JQ3H	UTC4130-33	129326-33	PCI1553-33	2020N221J302LEXH	30HV02N221JM
34	SV02HA221KHA	2020CN221KA302	302H46N221KQ3H	UTC4130-34	129326-34	PCI1553-34	2020N221K302LEXH	30HV02N221KM
35	SV02HA271JHA	2020CN271JA302	302H46N271JQ3H	UTC4130-35	129326-35	PCI1553-35	2020N271J302LEXH	30HV02N271JM
36	SV02HA271KHA	2020CN271KA302	302H46N271KQ3H	UTC4130-36	129326-36	PCI1553-36	2020N271K302LEXH	30HV02N271KM
37	SV02HA331JHA	2020CN331JA302	302H46N331JQ3H	UTC4130-37	129326-37	PCI1553-37	2020N331J302LEXH	30HV02N331JM
38	SV02HA331KHA	2020CN331KA302	302H46N331KQ3H	UTC4130-38	129326-38	PCI1553-38	2020N331K302LEXH	30HV02N331KM
39	SV02HA391JHA	2020CN391JA302	302H46N391JQ3H	UTC4130-39	129326-39	PCI1553-39	2020N391J302LEXH	30HV02N391JM
40	SV02HA391KHA	2020CN391KA302	302H46N391KQ3H	UTC4130-40	129326-40	PCI1553-40	2020N391K302LEXH	30HV02N391KM
41	SV02HA471JHA	2020CN471JA302	302H46N471JQ3H	UTC4130-41	129326-41	PCI1553-41	2020N471J302LEXH	30HV02N471JM
42	SV02HA471KHA	2020CN471KA302	302H46N471KQ3H	UTC4130-42	129326-42	PCI1553-42	2020N471K302LEXH	30HV02N471KM
43	SV02HA561JHA	2020CN561JA302	302H46N561JQ3H	UTC4130-43	129326-43	PCI1553-43	2020N561J302LEXH	30HV02N561JM
44	SV02HA561KHA	2020CN561KA302	302H46N561KQ3H	UTC4130-44	129326-44	PCI1553-44	2020N561K302LEXH	30HV02N561KM
45	SV03HA681JHA	2520CN681JA302	302H47N681JQ3H	UTC4130-45	129326-45	PCI1553-45	2520N681J302LEXH	30HV03N681JM
46	SV03HA681KHA	2520CN681KA302	302H47N681KQ3H	UTC4130-46	129326-46	PCI1553-46	2520N681K302LEXH	30HV03N681KM
47	SV05HA821JHA	3530CN821JA302	302H51N821JQ3H	UTC4130-47	129326-47	PCI1553-47	3530N821J302LEXH	30HV04N821JM
48	SV05HA821KHA	3530CN821KA302	302H51N821KQ3H	UTC4130-48	129326-48	PCI1553-48	3530N821K302LEXH	30HV04N821KM

See footnote at end of table.

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A**

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<u>1/</u> DSCC drawing PIN 87114-	Vendor A similar vendor type	Vendor B similar vendor type	Vendor C similar vendor type	Vendor D similar vendor type	Vendor E similar vendor type	Vendor F similar vendor type	Vendor G similar vendor type	Vendor H similar vendor type
49	SV05HA102JHA	3530CN102JA302	302H51N102JQ3H	UTC4130-49	129326-49	PCI1553-49	3530N102J302LEXH	30HV04N102JM
50	SV05HA102KHA	3530CN102KA302	302H51N102KQ3H	UTC4130-50	129326-50	PCI1553-50	3530N102K302LEXH	30HV04N102KM
51	SV05HA122JHA	3530CN122JA302	302H51N122JQ3H	UTC4130-51	129326-51	PCI1553-51	3530N122J302LEXH	30HV04N122JM
52	SV05HA122KHA	3530CN122KA302	302H51N122KQ3H	UTC4130-52	129326-52	PCI1553-52	3530N122K302LEXH	30HV04N122KM
53	SV05HA152JHA	3530CN152JA302	302H51N152JQ3H	UTC4130-53	129326-53	PCI1553-53	3530N152J302LEXH	30HV04N152JM
54	SV05HA152KHA	3530CN152KA302	302H51N152KQ3H	UTC4130-54	129326-54	PCI1553-54	3530N152K302LEXH	30HV04N152KM
55	SV07HA182JHA	4540CN182JA302	302H62N182JQ3H	UTC4130-55	129326-55	PCI1553-55	4540N182J302LEXH	30HV05N182JM
56	SV07HA182KHA	4540CN182KA302	302H62N182KQ3H	UTC4130-56	129326-56	PCI1553-56	4540N182K302LEXH	30HV05N182KM
57	SV07HA222JHA	4540CN222JA302	302H62N222JQ3H	UTC4130-57	129326-57	PCI1553-57	4540N222J302LEXH	30HV05N222JM
58	SV07HA222KHA	4540CN222KA302	302H62N222KQ3H	UTC4130-58	129326-58	PCI1553-58	4540N222K302LEXH	30HV05N222KM
59	SV07HA272JHA	4540CN272JA302	302H62N272JQ3H	UTC4130-59	129326-59	PCI1553-59	4540N272J302LEXH	30HV05N272JM
60	SV07HA272KHA	4540CN272KA302	302H62N272KQ3H	UTC4130-60	129326-60	PCI1553-60	4540N272K302LEXH	30HV05N272KM
61	SV07HA332JHA	4540CN332JA302	302H62N332JQ3H	UTC4130-61	129326-61	PCI1553-61	4540N332J302LEXH	30HV05N332JM
62	SV07HA332KHA	4540CN332KA302	302H62N332KQ3H	UTC4130-62	129326-62	PCI1553-62	4540N332K302LEXH	30HV05N332KM
63	SV07HA392JHA	4540CN392JA302	302H62N392JQ3H	UTC4130-63	129326-63	PCI1553-63	4540N392J302LEXH	30HV05N392JM
64	SV07HA392KHA	4540CN392KA302	302H62N392KQ3H	UTC4130-64	129326-64	PCI1553-64	4540N392K302LEXH	30HV05N392KM
65	SV08HA472JHA	5550CN472JA302	302H66N472JQ3H	UTC4130-65	129326-65	PCI1553-65	5550N472J302LEXH	30HV06N472JM
66	SV08HA472KHA	5550CN472KA302	302H66N472KQ3H	UTC4130-66	129326-66	PCI1553-66	5550N472K302LEXH	30HV06N472KM
67	SV08HA562JHA	5550CN562JA302	302H66N562JQ3H	UTC4130-67	129326-67	PCI1553-67	5550N562J302LEXH	30HV06N562JM
68	SV08HA562KHA	5550CN562KA302	302H66N562KQ3H	UTC4130-68	129326-68	PCI1553-68	5550N562K302LEXH	30HV06N562KM
69	SV09HA682JHA	6560CN682JA302	302H70N682JQ3H	UTC4130-69	129326-69	PCI1553-69	6560N682J302LEXH	30HV07N682JM
70	SV09HA682KHA	6560CN682KA302	302H70N682KQ3H	UTC4130-70	129326-70	PCI1553-70	6560N682K302LEXH	30HV07N682KM
71	SV09HA822JHA	6560CN822JA302	302H70N822JQ3H	UTC4130-71	129326-71	PCI1553-71	6560N822J302LEXH	30HV07N822JM
72	SV09HA822KHA	6560CN822KA302	302H70N822KQ3H	UTC4130-72	129326-72	PCI1553-72	6560N822K302LEXH	30HV07N822KM

1/ Parts must be purchased to this DSCC PIN to assure that all performance requirements and tests are met.

<u>Vendor</u>	<u>Vendor CAGE</u>	<u>Vendor name and address</u>
A	96095	Olean Advanced Products A Division of AVX Corporation 1695 Seneca Avenue Olean NY 14760-3736
B	63980	Wright Capacitors Incorporated 2610 South Oak Street Santa Ana CA 92707-3720
C	07EN1	Advanced Monolythic Ceramics, Incorporated 3101 Constitution Avenue, Suite 100 Olean NY 14760-1867
D	0YBX7	Union Technology Corporation 718 Monterey Pass Road Monterey Park CA 91754-3607
E	0LR95	Spectrum Control Technology Incorporated 1900 West College Avenue State College, PA 16801
F	60212	Presidio Components Incorporated 7169 Construction Court San Diego CA 92121-2615
G	65238	Novacap 25136 Anza Drive Valencia CA 91355-3415
H	3H3G4	CalRamic Technologies LLC 5462 Louie Lane Reno, NV 89511

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