

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	Added suggested sources of supply.	11 May 88	D. Moore
B	Changes to suggested sources of supply. Modified manufacturer's PIN. Changes to 3.2.2, 3.2.6, and 6.1. Editorial changes throughout.	23 Feb 94	D. Moore
C	Corrected dimension chart for figure 1.	25 Apr 94	D. Moore
D	Changes in accordance with NOR 5910-R007-96	23 May 96	A. Ernst
E	Revised sources of supply, 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 3.2.9.	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	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	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	
	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 23 June 1987	CHECKED BY HERALDINE JOHNSON							TITLE CAPACITORS, CERAMIC, MULTILAYER, HIGH VOLTAGE, X7R, 5,000 V DC											
	APPROVED BY DAVID E. MOORE																		
	SIZE A	CODE IDENT. NO. 14933							DWG NO. 87070										
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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-lead (Sn-Pb) finishes are acceptable provided that the minimum lead content is 3 percent.

3.1.2 Case. Epoxy, conformally coated.

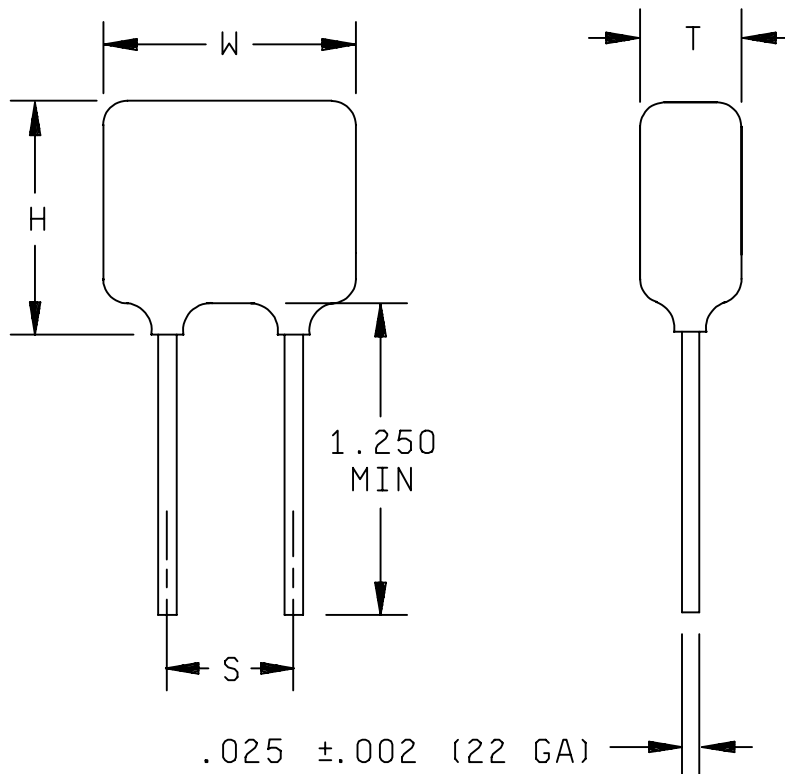
3.1.3 Operating temperature range. The operating temperature range shall be -55°C to +125°C.

3.2 Electrical characteristics.

3.2.1 Rated voltage. The rated voltage shall be 5,000 volts dc.

3.2.2 Dielectric type. X7R.

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Case code	Sizes (max.)			Lead spacing ± .030 (S)
	Width (W)	Height (H)	Thickness (T)	
A	.550	.280	.250	.400
B	.570	.500	.270	.475
C	.670	.600	.270	.575
D	.770	.720	.270	.675
E	1.050	.500	.270	.900
F	1.250	.600	.270	1.100
G	1.450	.720	.270	1.300

Inches	mm	Inches	mm
.002	0.05	.600	15.24
.025	0.64	.670	17.02
.030	0.76	.675	17.15
.250	6.35	.720	18.29
.270	6.86	.770	19.56
.280	7.11	.900	22.86
.400	10.16	1.050	26.67
.475	12.07	1.100	27.94
.500	12.70	1.250	31.75
.550	13.97	1.300	33.02
.570	14.48	1.450	36.83
.575	14.61		

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.

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- 3.2.3 Temperature coefficient. ± 15 percent. (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, 1 kHz at 1.0 V rms at +25°C.
- 3.2.5 Dissipation factor (+25°C). 2.5 percent maximum (measured under the same conditions as capacitance).
- 3.2.6 Insulation resistance. Measured in accordance with method 302 of MIL-STD-202. 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 Aging rate. -2.0 percent maximum per decade-hour.
- 3.2.9 Capacitance tolerance. K = ± 10 percent, M = ± 20 percent. K tolerance parts may be substituted for M 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.
- 3.6 Immersion cycling. In accordance with MIL-PRF-49467.
- 3.7 Moisture resistance. In accordance with MIL-PRF-49467.
- 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, 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.
- 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 87070-	Capacitance	Capacitance tolerance	Case code	DSCC drawing 87070-	Capacitance	Capacitance tolerance	Case code
01	100 pF	K	A	32	1800 pF	M	B
02	100 pF	M	A	33	2200 pF	K	B
03	120 pF	K	A	34	2200 pF	M	B
04	120 pF	M	A	35	2700 pF	K	B
05	150 pF	K	A	36	2700 pF	M	B
06	150 pF	M	A	37	3300 pF	K	B
07	180 pF	K	A	38	3300 pF	M	B
08	180 pF	M	A	39	3900 pF	K	B
09	220 pF	K	A	40	3900 pF	M	B
10	220 pF	M	A	41	4700 pF	K	B
11	270 pF	K	A	42	4700 pF	M	B
12	270 pF	M	A	43	5600 pF	K	B
13	330 pF	K	A	44	5600 pF	M	B
14	330 pF	M	A	45	6800 pF	K	B
15	390 pF	K	A	46	6800 pF	M	B
16	390 pF	M	A	47	8200 pF	K	C
17	470 pF	K	A	48	8200 pF	M	C
18	470 pF	M	A	49	.01 μ F	K	C
19	560 pF	K	A	50	.01 μ F	M	C
20	560 pF	M	A	51	.012 μ F	K	D
21	680 pF	K	A	52	.012 μ F	M	D
22	680 pF	M	A	53	.015 μ F	K	D
23	820 pF	K	A	54	.015 μ F	M	D
24	820 pF	M	A	55	.018 μ F	K	E
25	1000 pF	K	B	56	.018 μ F	M	E
26	1000 pF	M	B	57	.022 μ F	K	E
27	1200 pF	K	B	58	.022 μ F	M	E
28	1200 pF	M	B	59	.027 μ F	K	F
29	1500 pF	K	B	60	.027 μ F	M	F
30	1500 pF	M	B	61	.033 μ F	K	G
31	1800 pF	K	B	62	.033 μ F	M	G

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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 87070-	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	SV06KC101KHA	3920CX101KA502	502H99W101KQ3H	UTC4128-01	130403-01	PCI1560-01	4020N101K502LEXH	50HV11B101KM
02	SV06KC101MHA	3920CX101MA502	502H99W101MQ3H	UTC4128-02	130403-02	PCI1560-02	4020N101M502LEXH	50HV11B101MM
03	SV06KC121KHA	3920CX121KA502	502H99W121KQ3H	UTC4128-03	130403-03	PCI1560-03	4020N121K502LEXH	50HV11B121KM
04	SV06KC121MHA	3920CX121MA502	502H99W121MQ3H	UTC4128-04	130403-04	PCI1560-04	4020N121M502LEXH	50HV11B121MM
05	SV06KC151KHA	3920CX151KA502	502H99W151KQ3H	UTC4128-05	130403-05	PCI1560-05	4020N151K502LEXH	50HV11B151KM
06	SV06KC151MHA	3920CX151MA502	502H99W151MQ3H	UTC4128-06	130403-06	PCI1560-06	4020N151M502LEXH	50HV11B151MM
07	SV06KC181KHA	3920CX181KA502	502H99W181KQ3H	UTC4128-07	130403-07	PCI1560-07	4020N181K502LEXH	50HV11B181KM
08	SV06KC181MHA	3920CX181MA502	502H99W181MQ3H	UTC4128-08	130403-08	PCI1560-08	4020N181M502LEXH	50HV11B181MM
09	SV06KC221KHA	3920CX221KA502	502H99W221KQ3H	UTC4128-09	130403-09	PCI1560-09	4020N221K502LEXH	50HV11B221KM
10	SV06KC221MHA	3920CX221MA502	502H99W221MQ3H	UTC4128-10	130403-10	PCI1560-10	4020N221M502LEXH	50HV11B221MM
11	SV06KC271KHA	3920CX271KA502	502H99W271KQ3H	UTC4128-11	130403-11	PCI1560-11	4020N271K502LEXH	50HV11B271KM
12	SV06KC271MHA	3920CX271MA502	502H99W271MQ3H	UTC4128-12	130403-12	PCI1560-12	4020N271M502LEXH	50HV11B271MM
13	SV06KC331KHA	3920CX331KA502	502H99W331KQ3H	UTC4128-13	130403-13	PCI1560-13	4020B331K502LEXH	50HV11B331KM
14	SV06KC331MHA	3920CX331MA502	502H99W331MQ3H	UTC4128-14	130403-14	PCI1560-14	4020B331M502LEXH	50HV11B331MM
15	SV06KC391KHA	3920CX391KA502	502H99W391KQ3H	UTC4128-15	130403-15	PCI1560-15	4020B391K502LEXH	50HV11B391KM
16	SV06KC391MHA	3920CX391MA502	502H99W391MQ3H	UTC4128-16	130403-16	PCI1560-16	4020B391M502LEXH	50HV11B391MM
17	SV06KC471KHA	3920CX471KA502	502H99W471KQ3H	UTC4128-17	130403-17	PCI1560-17	4020B471K502LEXH	50HV11B471KM
18	SV06KC471MHA	3920CX471MA502	502H99W471MQ3H	UTC4128-18	130403-18	PCI1560-18	4020B471M502LEXH	50HV11B471MM
19	SV06KC561KHA	3920CX561KA502	502H99W561KQ3H	UTC4128-19	130403-19	PCI1560-19	4020B561K502LEXH	50HV11B561KM
20	SV06KC561MHA	3920CX561MA502	502H99W561MQ3H	UTC4128-20	130403-20	PCI1560-20	4020B561M502LEXH	50HV11B561MM
21	SV06KC681KHA	3920CX681KA502	502H99W681KQ3H	UTC4128-21	130403-21	PCI1560-21	4020B681K502LEXH	50HV11B681KM
22	SV06KC681MHA	3920CX681MA502	502H99W681MQ3H	UTC4128-22	130403-22	PCI1560-22	4020B681M502LEXH	50HV11B681MM
23	SV06KC821KHA	3920CX821KA502	502H99W821KQ3H	UTC4128-23	130403-23	PCI1560-23	4020B821K502LEXH	50HV11B821KM
24	SV06KC821MHA	3920CX821MA502	502H99W821MQ3H	UTC4128-24	130403-24	PCI1560-24	4020B821M502LEXH	50HV11B821MM
25	SV07KC102KHA	4540CX102KA502	502H62W102KQ3H	UTC4128-25	130403-25	PCI1560-25	4540B102K502LEXH	50HV05B102KM
26	SV07KC102MHA	4540CX102MA502	502H62W102MQ3H	UTC4128-26	130403-26	PCI1560-26	4540B102M502LEXH	50HV05B102MM
27	SV07KC122KHA	4540CX122KA502	502H62W122KQ3H	UTC4128-27	130403-27	PCI1560-27	4540B122K502LEXH	50HV05B122KM
28	SV07KC122MHA	4540CX122MA502	502H62W122MQ3H	UTC4128-28	130403-28	PCI1560-28	4540B122M502LEXH	50HV05B122MM
29	SV07KC152KHA	4540CX152KA502	502H62W152KQ3H	UTC4128-29	130403-29	PCI1560-29	4540B152K502LEXH	50HV05B152KM
30	SV07KC152MHA	4540CX152MA502	502H62W152MQ3H	UTC4128-30	130403-30	PCI1560-30	4540B152M502LEXH	50HV05B152MM
31	SV07KC182KHA	4540CX182KA502	502H62W182KQ3H	UTC4128-31	130403-31	PCI1560-31	4540B182K502LEXH	50HV05B182KM
32	SV07KC182MHA	4540CX182MA502	502H62W182MQ3H	UTC4128-32	130403-32	PCI1560-32	4540B182M502LEXH	50HV05B182MM
33	SV07KC222KHA	4540CX222KA502	502H62W222KQ3H	UTC4128-33	130403-33	PCI1560-33	4540B222K502LEXH	50HV05B222KM
34	SV07KC222MHA	4540CX222MA502	502H62W222MQ3H	UTC4128-34	130403-34	PCI1560-34	4540B222M502LEXH	50HV05B222MM
35	SV07KC272KHA	4540CX272KA502	502H62W272KQ3H	UTC4128-35	130403-35	PCI1560-35	4540B272K502LEXH	50HV05B272KM
36	SV07KC272MHA	4540CX272MA502	502H62W272MQ3H	UTC4128-36	130403-36	PCI1560-36	4540B272M502LEXH	50HV05B272MM
37	SV07KC332KHA	4540CX332KA502	502H62W332KQ3H	UTC4128-37	130403-37	PCI1560-37	4540B332K502LEXH	50HV05B332KM
38	SV07KC332MHA	4540CX332MA502	502H62W332MQ3H	UTC4128-38	130403-38	PCI1560-38	4540B332M502LEXH	50HV05B332MM
39	SV07KC392KHA	4540CX392KA502	502H62W392KQ3H	UTC4128-39	130403-39	PCI1560-39	4540B392K502LEXH	50HV05B392KM
40	SV07KC392MHA	4540CX392MA502	502H62W392MQ3H	UTC4128-40	130403-40	PCI1560-40	4540B392M502LEXH	50HV05B392MM
41	SV07KC472KHA	4540CX472KA502	502H62W472KQ3H	UTC4128-41	130403-41	PCI1560-41	4540B472K502LEXH	50HV05B472KM
42	SV07KC472MHA	4540CX472MA502	502H62W472MQ3H	UTC4128-42	130403-42	PCI1560-42	4540B472M502LEXH	50HV05B472MM
43	SV07KC562KHA	4540CX562KA502	502H62W562KQ3H	UTC4128-43	130403-43	PCI1560-43	4540B562K502LEXH	50HV05B562KM
44	SV07KC562MHA	4540CX562MA502	502H62W562MQ3H	UTC4128-44	130403-44	PCI1560-44	4540B562M502LEXH	50HV05B562MM
45	SV07KC682KHA	4540CX682KA502	502H62W682KQ3H	UTC4128-45	130403-45	PCI1560-45	4540B682K502LEXH	50HV05B682KM
46	SV07KC682MHA	4540CX682MA502	502H62W682MQ3H	UTC4128-46	130403-46	PCI1560-46	4540B682M502LEXH	50HV05B682MM
47	SV08KC822KHA	5550CX822KA502	502H66W822KQ3H	UTC4128-47	130403-47	PCI1560-47	5550B822K502LEXH	50HV06B822KM
48	SV08KC822MHA	5550CX822MA502	502H66W822MQ3H	UTC4128-48	130403-48	PCI1560-48	5550B822M502LEXH	50HV06B822MM

See footnote at end of table.

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DAYTON, OHIO**

**SIZE
A**

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14933**

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<u>1/</u> DSCC drawing PIN 87070-	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	SV08KC103KHA	5550CX103KA502	502H66W103KQ3H	UTC4128-49	130403-49	PCI1560-49	5550B103K502LEXH	50HV06B103KM
50	SV08KC103MHA	5550CX103MA502	502H66W103MQ3H	UTC4128-50	130403-50	PCI1560-50	5550B103M502LEXH	50HV06B103MM
51	SV09KC123KHA	5550CX123KA502	502H70W123KQ3H	UTC4128-51	130403-51	PCI1560-51	6560B123K502LEXH	50HV07B123KM
52	SV09KC123MHA	5550CX123MA502	502H70W123MQ3H	UTC4128-52	130403-52	PCI1560-52	6560B123M502LEXH	50HV07B123MM
53	SV09KC153KHA	5550CX153KA502	502H70W153KQ3H	UTC4128-53	130403-53	PCI1560-53	6560B153K502LEXH	50HV07B153KM
54	SV09KC153MHA	5550CX153MA502	502H70W153MQ3H	UTC4128-54	130403-54	PCI1560-54	6560B153M502LEXH	50HV07B153MM
55	SV10KC183KHA	8840CX183KA502	502H99W183KQ3H	UTC4128-55	130403-55	PCI1560-55	9040B183K502LEXH	50HV14B183KM
56	SV10KC183MHA	8840CX183MA502	502H99W183MQ3H	UTC4128-56	130403-56	PCI1560-56	9040B183M502LEXH	50HV14B183MM
57	N/A	8840CX223KA502	502H99W223KQ3H	UTC4128-57	130403-57	PCI1560-57	9040B223K502LEXH	50HV14B223KM
58	N/A	8840CX223MA502	502H99W223MQ3H	UTC4128-58	130403-58	PCI1560-58	9040B223M502LEXH	50HV14B223MM
59	SV11KC273KHA	11050CX273KA502	502H99W273KQ3H	UTC4128-59	130403-59	PCI1560-59	11050B273K502LEXH	50HV15B273KM
60	SV11KC273MHA	11050CX273MA502	502H99W273MQ3H	UTC4128-60	130403-60	PCI1560-60	11050B273M502LEXH	50HV15B273MM
61	SV12KC333KHA	13060CX333KA502	502H80W333KQ3H	UTC4128-61	130403-61	PCI1560-61	13060B333K502LEXH	50HV16B333KM
62	SV12KC333MHA	13060CX333MA502	502H80W333MQ3H	UTC4128-62	130403-62	PCI1560-62	13060B333M502LEXH	50HV16B333MM

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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