

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	Added suggested sources of supply.	11 May 88	D. Moore
B	Deleted and added suggested sources of supply. Editorial changes throughout.	8 Oct 92	D. Moore
C	Added .082 μ F in case size F. Updated manufacturers PIN. Editorial changes throughout.	21 Jul 93	D. Moore
D	Changes to paragraphs 3.2.2, 3.2.6, and 6.1. Added suggested source of supply. Editorial changes throughout.	23 Feb 94	D. Moore
E	Changes in accordance with NOR 5910-R006-96	23 May 96	A. Ernst
F	Revised sources of supply, added alternate marking method, made editorial changes, and converted references to MIL-PRF-49467.	5 April 99	J. Crum
G	Moved solderability testing from group A to group B. Updated suggested sources of supply.	10 April 00	Kendall A. Cottongim
H	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
J	Added suggested source of supply. Changed Johanson Dielectrics CAGE code.	12 September 01	Kendall A. Cottongim
K	Updated name and address of vendor C.	4 November 02	Kendall A. Cottongim
L	Added Johanson Dielectrics as a suggested source of supply.	18 August 2004	Kendall A. Cottongim
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 23 June 1987	CHECKED BY HERALDINE JOHNSON							TITLE CAPACITORS, CERAMIC, MULTILAYER, HIGH VOLTAGE, X7R, 3,000 V DC									
	APPROVED BY DAVID E. MOORE																
	SIZE A	CODE IDENT. NO. 14933					DWG NO. 87047										
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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.

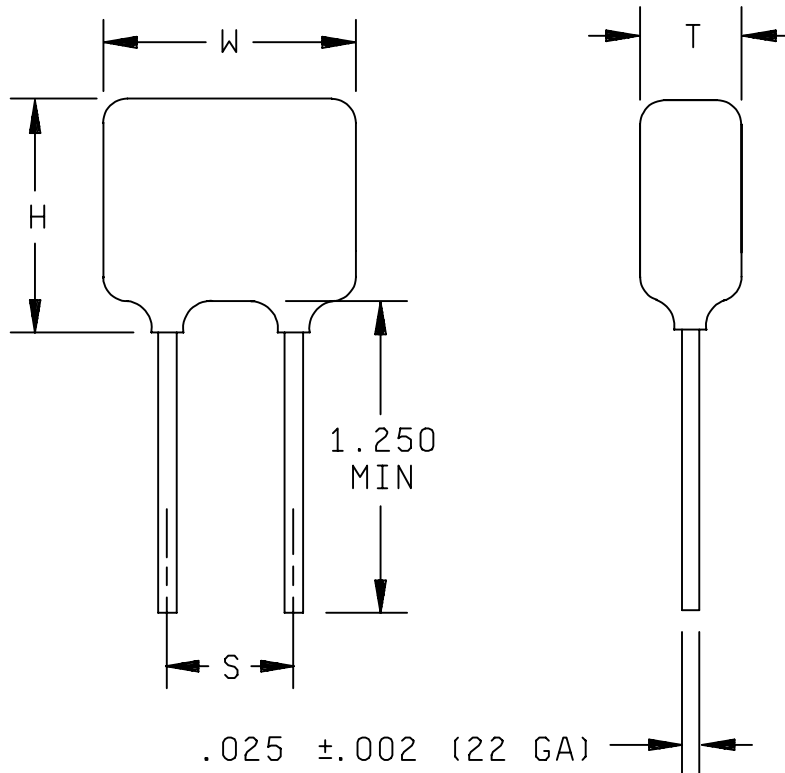
3.1.3 Operating temperature range. The operating temperature range shall be -55°C to +125°C.

3.2 Electrical characteristics.

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

3.2.2 Dielectric type. X7R.

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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
G	1.25	.600	.270	1.10
H	1.45	.720	.270	1.30

Inches	mm	Inches	mm
.002	0.05	.475	12.07
.025	0.64	.500	12.70
.030	0.76	.570	14.48
.220	5.59	.575	14.61
.250	6.35	.600	15.24
.270	6.86	.670	17.02
.275	6.99	.675	17.15
.280	7.11	.720	18.29
.300	7.62	.770	19.56
.320	8.13	1.10	27.94
.370	9.40	1.25	31.75
.375	9.53	1.30	33.02
.400	10.16	1.45	36.83
.470	11.94		

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 megohm-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. Case codes A and B (at the option of the manufacturer) may be marked as indicated below with full marking on the package.

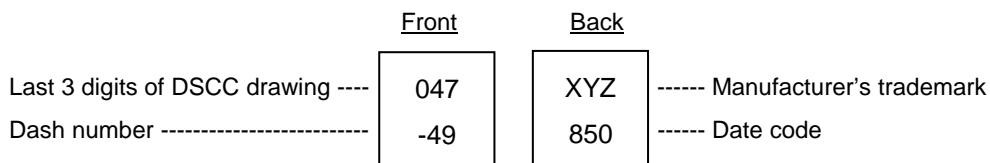


FIGURE 2. Alternate marking method for A and B case codes.

- 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 87047-	Capacitance	Capacitance tolerance	Case code	DSCC drawing 87047-	Capacitance	Capacitance tolerance	Case code
01	100 pF	K	A	39	3900 pF	K	B
02	100 pF	M	A	40	3900 pF	M	B
03	120 pF	K	A	41	4700 pF	K	B
04	120 pF	M	A	42	4700 pF	M	B
05	150 pF	K	A	43	5600 pF	K	C
06	150 pF	M	A	44	5600 pF	M	C
07	180 pF	K	A	45	6800 pF	K	C
08	180 pF	M	A	46	6800 pF	M	C
09	220 pF	K	A	47	8200 pF	K	C
10	220 pF	M	A	48	8200 pF	M	C
11	270 pF	K	A	49	.01 μ F	K	C
12	270 pF	M	A	50	.01 μ F	M	C
13	330 pF	K	A	51	.012 μ F	K	C
14	330 pF	M	A	52	.012 μ F	M	C
15	390 pF	K	A	53	.015 μ F	K	C
16	390 pF	M	A	54	.015 μ F	M	C
17	470 pF	K	A	55	.018 μ F	K	D
18	470 pF	M	A	56	.018 μ F	M	D
19	560 pF	K	A	57	.022 μ F	K	D
20	560 pF	M	A	58	.022 μ F	M	D
21	680 pF	K	A	59	.027 μ F	K	D
22	680 pF	M	A	60	.027 μ F	M	D
23	820 pF	K	A	61	.033 μ F	K	D
24	820 pF	M	A	62	.033 μ F	M	D
25	1000 pF	K	A	63	.039 μ F	K	E
26	1000 pF	M	A	64	.039 μ F	M	E
27	1200 pF	K	A	65	.047 μ F	K	F
28	1200 pF	M	A	66	.047 μ F	M	F
29	1500 pF	K	A	67	.056 μ F	K	F
30	1500 pF	M	A	68	.056 μ F	M	F
31	1800 pF	K	A	69	.068 μ F	K	G
32	1800 pF	M	A	70	.068 μ F	M	G
33	2200 pF	K	A	71	.082 μ F	K	H
34	2200 pF	M	A	72	.082 μ F	M	H
35	2700 pF	K	A	73	.10 μ F	K	H
36	2700 pF	M	A	74	.10 μ F	M	H
37	3300 pF	K	A	75	.082 μ F	K	F
38	3300 pF	M	A				

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4. VERIFICATION

4.1 Sampling and 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@dsc.dla.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@dsc.dla.mil also by telephone (614) 692-4709 or DSN 850-4709.

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1/ DSCC drawing PIN 87047-	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	SV02HC101KHA	2020CX101KA302	302H46W101KQ3H	UTC4126-01	126975-01	PCI1558-01	2020N101K302LEXH	30HV02B101KM
02	SV02HC101MHA	2020CX101MA302	302H46W101MQ3H	UTC4126-02	126975-02	PCI1558-02	2020N101M302LEXH	30HV02B101MM
03	SV02HC121KHA	2020CX121KA302	302H46W121KQ3H	UTC4126-03	126975-03	PCI1558-03	2020N121K302LEXH	30HV02B121KM
04	SV02HC121MHA	2020CX121MA302	302H46W121MQ3H	UTC4126-04	126975-04	PCI1558-04	2020N121M302LEXH	30HV02B121MM
05	SV02HC151KHA	2020CX151KA302	302H46W151KQ3H	UTC4126-05	126975-05	PCI1558-05	2020N151K302LEXH	30HV02B151KM
06	SV02HC151MHA	2020CX151MA302	302H46W151MQ3H	UTC4126-06	126975-06	PCI1558-06	2020N151M302LEXH	30HV02B151MM
07	SV02HC181KHA	2020CX181KA302	302H46W181KQ3H	UTC4126-07	126975-07	PCI1558-07	2020N181K302LEXH	30HV02B181KM
08	SV02HC181MHA	2020CX181MA302	302H46W181MQ3H	UTC4126-08	126975-08	PCI1558-08	2020N181M302LEXH	30HV02B181MM
09	SV02HC221KHA	2020CX221KA302	302H46W221KQ3H	UTC4126-09	126975-09	PCI1558-09	2020N221K302LEXH	30HV02B221KM
10	SV02HC221MHA	2020CX221MA302	302H46W221MQ3H	UTC4126-10	126975-10	PCI1558-10	2020N221M302LEXH	30HV02B221MM
11	SV02HC271KHA	2020CX271KA302	302H46W271KQ3H	UTC4126-11	126975-11	PCI1558-11	2020N271K302LEXH	30HV02B271KM
12	SV02HC271MHA	2020CX271MA302	302H46W271MQ3H	UTC4126-12	126975-12	PCI1558-12	2020N271M302LEXH	30HV02B271MM
13	SV02HC331KHA	2020CX331KA302	302H46W331KQ3H	UTC4126-13	126975-13	PCI1558-13	2020B331K302LEXH	30HV02B331KM
14	SV02HC331MHA	2020CX331MA302	302H46W331MQ3H	UTC4126-14	126975-14	PCI1558-14	2020B331M302LEXH	30HV02B331MM
15	SV02HC391KHA	2020CX391KA302	302H46W391KQ3H	UTC4126-15	126975-15	PCI1558-15	2020B391K302LEXH	30HV02B391KM
16	SV02HC391MHA	2020CX391MA302	302H46W391MQ3H	UTC4126-16	126975-16	PCI1558-16	2020B391M302LEXH	30HV02B391MM
17	SV02HC471KHA	2020CX471KA302	302H46W471KQ3H	UTC4126-17	126975-17	PCI1558-17	2020B471K302LEXH	30HV02B471KM
18	SV02HC471MHA	2020CX471MA302	302H46W471MQ3H	UTC4126-18	126975-18	PCI1558-18	2020B471M302LEXH	30HV02B471MM
19	SV02HC561KHA	2020CX561KA302	302H46W561KQ3H	UTC4126-19	126975-19	PCI1558-19	2020B561K302LEXH	30HV02B561KM
20	SV02HC561MHA	2020CX561MA302	302H46W561MQ3H	UTC4126-20	126975-20	PCI1558-20	2020B561M302LEXH	30HV02B561MM
21	SV02HC681KHA	2020CX681KA302	302H46W681KQ3H	UTC4126-21	126975-21	PCI1558-21	2020B681K302LEXH	30HV02B681KM
22	SV02HC681MHA	2020CX681MA302	302H46W681MQ3H	UTC4126-22	126975-22	PCI1558-22	2020B681M302LEXH	30HV02B681MM
23	SV02HC821KHA	2020CX821KA302	302H46W821KQ3H	UTC4126-23	126975-23	PCI1558-23	2020B821K302LEXH	30HV02B821KM
24	SV02HC821MHA	2020CX821MA302	302H46W821MQ3H	UTC4126-24	126975-24	PCI1558-24	2020B821M302LEXH	30HV02B821MM
25	SV02HC102KHA	2020CX102KA302	302H46W102KQ3H	UTC4126-25	126975-25	PCI1558-25	2020B102K302LEXH	30HV02B102KM
26	SV02HC102MHA	2020CX102MA302	302H46W102MQ3H	UTC4126-26	126975-26	PCI1558-26	2020B102M302LEXH	30HV02B102MM
27	SV02HC122KHA	2020CX122KA302	302H46W122KQ3H	UTC4126-27	126975-27	PCI1558-27	2020B122K302LEXH	30HV02B122KM
28	SV02HC122MHA	2020CX122MA302	302H46W122MQ3H	UTC4126-28	126975-28	PCI1558-28	2020B122M302LEXH	30HV02B122MM
29	SV02HC152KHA	2020CX152KA302	302H46W152KQ3H	UTC4126-29	126975-29	PCI1558-29	2020B152K302LEXH	30HV02B152KM
30	SV02HC152MHA	2020CX152MA302	302H46W152MQ3H	UTC4126-30	126975-30	PCI1558-30	2020B152M302LEXH	30HV02B152MM
31	SV02HC182KHA	2020CX182KA302	302H46W182KQ3H	UTC4126-31	126975-31	PCI1558-31	2020B182K302LEXH	30HV02B182KM
32	SV02HC182MHA	2020CX182MA302	302H46W182MQ3H	UTC4126-32	126975-32	PCI1558-32	2020B182M302LEXH	30HV02B182MM
33	SV02HC222KHA	2020CX222KA302	302H46W222KQ3H	UTC4126-33	126975-33	PCI1558-33	2020B222K302LEXH	30HV02B222KM
34	SV02HC222MHA	2020CX222MA302	302H46W222MQ3H	UTC4126-34	126975-34	PCI1558-34	2020B222M302LEXH	30HV02B222MM
35	SV02HC272KHA	2020CX272KA302	302H46W272KQ3H	UTC4126-35	126975-35	PCI1558-35	2020B272K302LEXH	30HV02B272KM
36	SV02HC272MHA	2020CX272MA302	302H46W272MQ3H	UTC4126-36	126975-36	PCI1558-36	2020B272M302LEXH	30HV02B272MM
37	N/A	2020CX332KA302	302H46W332KQ3H	UTC4126-37	126975-37	PCI1558-37	2020B332K302LEXH	30HV02B332KM
38	N/A	2020CX332MA302	302H46W332MQ3H	UTC4126-38	126975-38	PCI1558-38	2020B332M302LEXH	30HV02B332MM
39	SV03HC392KHA	2520CX392KA302	302H47W392KQ3H	UTC4126-39	126975-39	PCI1558-39	2520B392K302LEXH	30HV03B392KM
40	SV03HC392MHA	2520CX392MA302	302H47W392MQ3H	UTC4126-40	126975-40	PCI1558-40	2520B392M302LEXH	30HV03B392MM
41	SV03HC472KHA	2520CX472KA302	302H47W472KQ3H	UTC4126-41	126975-41	PCI1558-41	2520B472K302LEXH	30HV03B472KM
42	SV03HC472MHA	2520CX472MA302	302H47W472MQ3H	UTC4126-42	126975-42	PCI1558-42	2520B472M302LEXH	30HV03B472MM
43	SV05HC562KHA	3530CX562KA302	302H51W562KQ3H	UTC4126-43	126975-43	PCI1558-43	3530B562K302LEXH	30HV04B562KM
44	SV05HC562MHA	3530CX562MA302	302H51W562MQ3H	UTC4126-44	126975-44	PCI1558-44	3530B562M302LEXH	30HV04B562MM
45	SV05HC682KHA	3530CX682KA302	302H51W682KQ3H	UTC4126-45	126975-45	PCI1558-45	3530B682K302LEXH	30HV04B682KM
46	SV05HC682MHA	3530CX682MA302	302H51W682MQ3H	UTC4126-46	126975-46	PCI1558-46	3530B682M302LEXH	30HV04B682MM
47	SV05HC822KHA	3530CX822KA302	302H51W822KQ3H	UTC4126-47	126975-47	PCI1558-47	3530B822K302LEXH	30HV04B822KM
48	SV05HC822MHA	3530CX822MA302	302H51W822MQ3H	UTC4126-48	126975-48	PCI1558-48	3530B822M302LEXH	30HV04B822MM

See footnote at end of table.

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1/ DSCC drawing PIN 87047-	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	SV05HC103KHA	3530CX103KA302	302H51W103KQ3H	UTC4126-49	126975-49	PCI1558-49	3530B103K302LEXH	30HV04B103KM
50	SV05HC103MHA	3530CX103MA302	302H51W103MQ3H	UTC4126-50	126975-50	PCI1558-50	3530B103M302LEXH	30HV04B103MM
51	SV05HC123KHA	3530CX123KA302	302H51W123KQ3H	UTC4126-51	126975-51	PCI1558-51	3530B123K302LEXH	30HV04B123KM
52	SV05HC123MHA	3530CX123MA302	302H51W123MQ3H	UTC4126-52	126975-52	PCI1558-52	3530B123M302LEXH	30HV04B123MM
53	N/A	3530CX153KA302	302H51W153KQ3H	UTC4126-53	126975-53	PCI1558-53	3530B153K302LEXH	30HV04B153KM
54	N/A	3530CX153MA302	302H51W153MQ3H	UTC4126-54	126975-54	PCI1558-54	3530B153M302LEXH	30HV04B153MM
55	SV07HC183KHA	4540CX183KA302	302H62W183KQ3H	UTC4126-55	126975-55	PCI1558-55	4540B183K302LEXH	30HV05B183KM
56	SV07HC183MHA	4540CX183MA302	302H62W183MQ3H	UTC4126-56	126975-56	PCI1558-56	4540B183M302LEXH	30HV05B183MM
57	SV07HC223KHA	4540CX223KA302	302H62W223KQ3H	UTC4126-57	126975-57	PCI1558-57	4540B223K302LEXH	30HV05B223KM
58	SV07HC223MHA	4540CX223MA302	302H62W223MQ3H	UTC4126-58	126975-58	PCI1558-58	4540B223M302LEXH	30HV05B223MM
59	SV07HC273KHA	4540CX273KA302	302H62W273KQ3H	UTC4126-59	126975-59	PCI1558-59	4540B273K302LEXH	30HV05B273KM
60	SV07HC273MHA	4540CX273MA302	302H62W273MQ3H	UTC4126-60	126975-60	PCI1558-60	4540B273M302LEXH	30HV05B273MM
61	N/A	4540CX333KA302	302H62W333KQ3H	UTC4126-61	126975-61	PCI1558-61	4540B333K302LEXH	30HV05B333KM
62	N/A	4540CX333MA302	302H62W333MQ3H	UTC4126-62	126975-62	PCI1558-62	4540B333M302LEXH	30HV05B333MM
63	SV08HC393KHA	5550CX393KA302	302H66W393KQ3H	UTC4126-63	126975-63	PCI1558-63	5550B393K302LEXH	30HV06B393KM
64	SV08HC393MHA	5550CX393MA302	302H66W393MQ3H	UTC4126-64	126975-64	PCI1558-64	5550B393M302LEXH	30HV06B393MM
65	SV09HC473KHA	6560CX473KA302	302H70W473KQ3H	UTC4126-65	126975-65	PCI1558-65	6560B473K302LEXH	30HV07B473KM
66	SV09HC473MHA	6560CX473MA302	302H70W473MQ3H	UTC4126-66	126975-66	PCI1558-66	6560B473M302LEXH	30HV07B473MM
67	SV09HC563KHA	6560CX563KA302	302H70W563KQ3H	UTC4126-67	126975-67	PCI1558-67	6560B563K302LEXH	30HV07B563KM
68	SV09HC563MHA	6560CX563MA302	302H70W563MQ3H	UTC4126-68	126975-68	PCI1558-68	6560B563M302LEXH	30HV07B563MM
69	SV11HC683KHA	11050CX683KA302	302H99W683KQ3H	UTC4126-69	126975-69	PCI1558-69	11050B683K302LEXH	30HV15B683KM
70	SV11HC683MHA	11050CX683MA302	302H99W683MQ3H	UTC4126-70	126975-70	PCI1558-70	11050B683M302LEXH	30HV15B683MM
71	SV12HC823KHA	13060CX823KA302	302H80W823KQ3H	UTC4126-71	126975-71	PCI1558-71	13060B823K302LEXH	30HV16B823KM
72	SV12HC823MHA	13060CX823MA302	302H80W823MQ3H	UTC4126-72	126975-72	PCI1558-72	13060B823M302LEXH	30HV16B823MM
73	SV12HC104KHA	13060CX104KA302	302H80W104KQ3H	UTC4126-73	126975-73	PCI1558-73	13060B104K302LEXH	30HV16B104KM
74	SV12HC104MHA	13060CX104MA302	302H80W104MQ3H	UTC4126-74	126975-74	PCI1558-74	13060B104M302LEXH	30HV16B104MM
75	N/A	6560CX823KA302	302H70W823KQ3H	UTC4126-75	126975-75	PCI1558-75	6560B823K302LEXH	30HV07B823KM

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

DEFENSE ELECTRONICS SUPPLY CENTER	DAYTON, OHIO	SIZE	A	CODE IDENT NO.	14933	DWG NO.	87047