

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	Deleted and added suggested sources of supply. Editorial changes throughout.	8 Oct 92	D. Moore
D	Modified manufacturer's PINs, modified 3.2.6. Editorial changes throughout.	18 Jan 94	D. Moore
E	Changes in accordance with NOR 5910-R005-96	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 3.2.8.	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 45444-5000														
Original date of drawing 22 April 1987	CHECKED BY EDWARD H. BACK		TITLE CAPACITORS, CERAMIC, MULTILAYER, HIGH VOLTAGE, CG, 1,000 V DC														
	APPROVED BY DAVID E. MOORE		DWG NO. 87046														
	SIZE A	CODE IDENT. NO. 14933	REV M														
	REV M		PAGE 1 OF 9														

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.

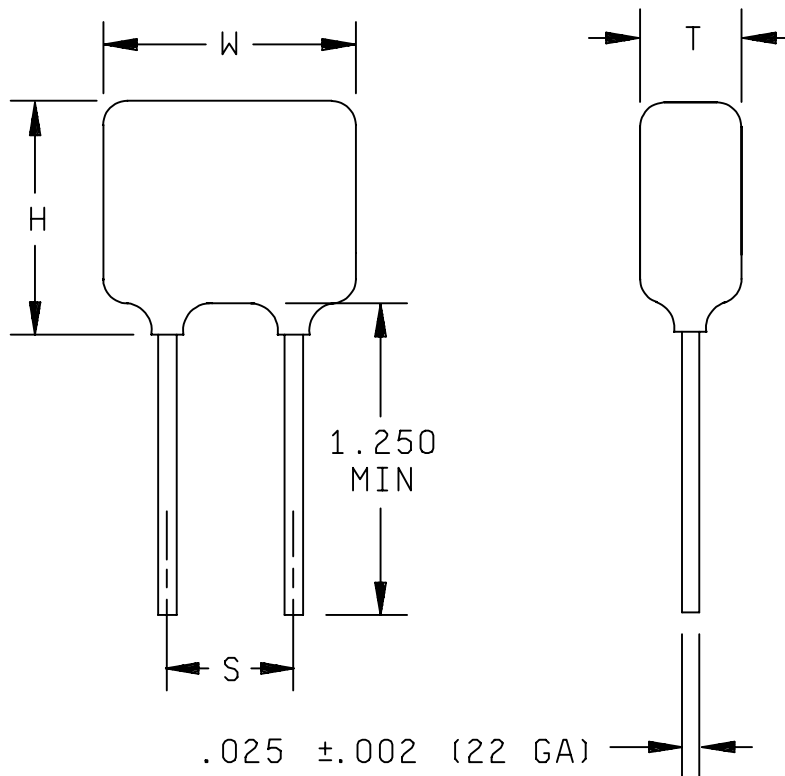
3.1.3 Operating temperature range. The operating temperature range shall be -55°C to +125°C.

3.2 Electrical characteristics.

3.2.1 Rated voltage. The rated voltage shall be 1,000 volts dc.

3.2.2 Dielectric type. CG.

DEFENSE ELECTRONICS SUPPLY CENTER	SIZE	CODE IDENT NO.	DWG NO.
DAYTON, OHIO	A	14933	87046
		REV M	PAGE 2



Case code	Sizes (max.)			Lead spacing ± .030 (S)
	Width (W)	Height (H)	Thickness (T)	
A	.250	.220	.200	.170
B	.320	.280	.250	.220
C	.370	.300	.250	.275
D	.470	.400	.270	.375
E	.570	.500	.270	.475
F	.670	.600	.270	.575
G	.770	.720	.270	.675

Inches	mm	Inches	mm
.002	0.05	.375	9.53
.025	0.64	.400	10.16
.030	0.76	.470	11.94
.170	4.32	.475	12.07
.200	5.08	.500	12.70
.220	5.59	.570	14.48
.250	6.35	.575	14.61
.270	6.86	.600	15.24
.275	6.99	.670	17.02
.280	7.11	.675	17.15
.300	7.62	.720	18.29
.320	8.13	.770	19.56
.370	9.40	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 ELECTRONICS SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 87046
		REV M	PAGE 3

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, B, and C (at the option of the manufacturer) may be marked as indicated below with full marking on the package.

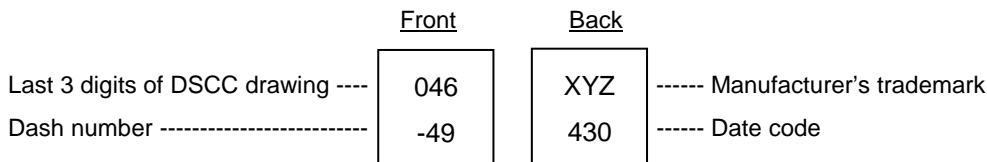


FIGURE 2. Alternate marking method for A, B, and C case codes.

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.

DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 87046
		REV M	PAGE 4

TABLE I. Electrical characteristics

DSCC drawing 87046-	Capacitance	Capacitance tolerance	Case code	DSCC drawing 87046-	Capacitance	Capacitance tolerance	Case code
01	10 pF	J	A	43	560 pF	J	A
02	10 pF	K	A	44	560 pF	K	A
03	12 pF	J	A	45	680 pF	J	A
04	12 pF	K	A	46	680 pF	K	A
05	15 pF	J	A	47	820 pF	J	A
06	15 pF	K	A	48	820 pF	K	A
07	18 pF	J	A	49	1000 pF	J	A
08	18 pF	K	A	50	1000 pF	K	A
09	22 pF	J	A	51	1200 pF	J	B
10	22 pF	K	A	52	1200 pF	K	B
11	27 pF	J	A	53	1500 pF	J	B
12	27 pF	K	A	54	1500 pF	K	B
13	33 pF	J	A	55	1800 pF	J	B
14	33 pF	K	A	56	1800 pF	K	B
15	39 pF	J	A	57	2200 pF	J	C
16	39 pF	K	A	58	2200 pF	K	C
17	47 pF	J	A	59	2700 pF	J	D
18	47 pF	K	A	60	2700 pF	K	D
19	56 pF	J	A	61	3300 pF	J	D
20	56 pF	K	A	62	3300 pF	K	D
21	68 pF	J	A	63	3900 pF	J	D
22	68 pF	K	A	64	3900 pF	K	D
23	82 pF	J	A	65	4700 pF	J	D
24	82 pF	K	A	66	4700 pF	K	D
25	100 pF	J	A	67	5600 pF	J	E
26	100 pF	K	A	68	5600 pF	K	E
27	120 pF	J	A	69	6800 pF	J	E
28	120 pF	K	A	70	6800 pF	K	E
29	150 pF	J	A	71	8200pF	J	E
30	150 pF	K	A	72	8200pF	K	E
31	180 pF	J	A	73	.010 μ F	J	E
32	180 pF	K	A	74	.010 μ F	K	E
33	220 pF	J	A	75	.012 μ F	J	F
34	220 pF	K	A	76	.012 μ F	K	F
35	270 pF	J	A	77	.015 μ F	J	F
36	270 pF	K	A	78	.015 μ F	K	F
37	330 pF	J	A	79	.018 μ F	J	F
38	330 pF	K	A	80	.018 μ F	K	F
39	390 pF	J	A	81	.022 μ F	J	G
40	390 pF	K	A	82	.022 μ F	K	G
41	470 pF	J	A	83	.025 μ F	J	G
42	470 pF	K	A	84	.025 μ F	K	G

DEFENSE ELECTRONICS SUPPLY CENTER	SIZE	CODE IDENT NO.	DWG NO.
DAYTON, OHIO	A	14933	87046
		REV M	PAGE 5

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.

DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	DWG NO. 87046
		REV M	PAGE 6

1/ DSCC drawing PIN 87046-	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	SV01AA100JHA	1515CN100JA102	102H42N100JQ3H	UTC4125-01	126974-01	PCI1552-01	1515N100J102LEXH	10HV01N100JM
02	SV01AA100KHA	1515CN100KA102	102H42N100KQ3H	UTC4125-02	126974-02	PCI1552-02	1515N100K102LEXH	10HV01N100KM
03	SV01AA120JHA	1515CN120JA102	102H42N120JQ3H	UTC4125-03	126974-03	PCI1552-03	1515N120J102LEXH	10HV01N120JM
04	SV01AA120KHA	1515CN120KA102	102H42N120KQ3H	UTC4125-04	126974-04	PCI1552-04	1515N120K102LEXH	10HV01N120KM
05	SV01AA150JHA	1515CN150JA102	102H42N150JQ3H	UTC4125-05	126974-05	PCI1552-05	1515N150J102LEXH	10HV01N150JM
06	SV01AA150KHA	1515CN150KA102	102H42N150KQ3H	UTC4125-06	126974-06	PCI1552-06	1515N150K102LEXH	10HV01N150KM
07	SV01AA180JHA	1515CN180JA102	102H42N180JQ3H	UTC4125-07	126974-07	PCI1552-07	1515N180J102LEXH	10HV01N180JM
08	SV01AA180KHA	1515CN180KA102	102H42N180KQ3H	UTC4125-08	126974-08	PCI1552-08	1515N180K102LEXH	10HV01N180KM
09	SV01AA220JHA	1515CN220JA102	102H42N220JQ3H	UTC4125-09	126974-09	PCI1552-09	1515N220J102LEXH	10HV01N220JM
10	SV01AA220KHA	1515CN220KA102	102H42N220KQ3H	UTC4125-10	126974-10	PCI1552-10	1515N220K102LEXH	10HV01N220KM
11	SV01AA270JHA	1515CN270JA102	102H42N270JQ3H	UTC4125-11	126974-11	PCI1552-11	1515N270J102LEXH	10HV01N270JM
12	SV01AA270KHA	1515CN270KA102	102H42N270KQ3H	UTC4125-12	126974-12	PCI1552-12	1515N270K102LEXH	10HV01N270KM
13	SV01AA330JHA	1515CN330JA102	102H42N330JQ3H	UTC4125-13	126974-13	PCI1552-13	1515N330J102LEXH	10HV01N330JM
14	SV01AA330KHA	1515CN330KA102	102H42N330KQ3H	UTC4125-14	126974-14	PCI1552-14	1515N330K102LEXH	10HV01N330KM
15	SV01AA390JHA	1515CN390JA102	102H42N390JQ3H	UTC4125-15	126974-15	PCI1552-15	1515N390J102LEXH	10HV01N390JM
16	SV01AA390KHA	1515CN390KA102	102H42N390KQ3H	UTC4125-16	126974-16	PCI1552-16	1515N390K102LEXH	10HV01N390KM
17	SV01AA470JHA	1515CN470JA102	102H42N470JQ3H	UTC4125-17	126974-17	PCI1552-17	1515N470J102LEXH	10HV01N470JM
18	SV01AA470KHA	1515CN470KA102	102H42N470KQ3H	UTC4125-18	126974-18	PCI1552-18	1515N470K102LEXH	10HV01N470KM
19	SV01AA560JHA	1515CN560JA102	102H42N560JQ3H	UTC4125-19	126974-19	PCI1552-19	1515N560J102LEXH	10HV01N560JM
20	SV01AA560KHA	1515CN560KA102	102H42N560KQ3H	UTC4125-20	126974-20	PCI1552-20	1515N560K102LEXH	10HV01N560KM
21	SV01AA680JHA	1515CN680JA102	102H42N680JQ3H	UTC4125-21	126974-21	PCI1552-21	1515N680J102LEXH	10HV01N680JM
22	SV01AA680KHA	1515CN680KA102	102H42N680KQ3H	UTC4125-22	126974-22	PCI1552-22	1515N680K102LEXH	10HV01N680KM
23	SV01AA820JHA	1515CN820JA102	102H42N820JQ3H	UTC4125-23	126974-23	PCI1552-23	1515N820J102LEXH	10HV01N820JM
24	SV01AA820KHA	1515CN820KA102	102H42N820KQ3H	UTC4125-24	126974-24	PCI1552-24	1515N820K102LEXH	10HV01N820KM
25	SV01AA101JHA	1515CN101JA102	102H42N101JQ3H	UTC4125-25	126974-25	PCI1552-25	1515N101J102LEXH	10HV01N101JM
26	SV01AA101KHA	1515CN101KA102	102H42N101KQ3H	UTC4125-26	126974-26	PCI1552-26	1515N101K102LEXH	10HV01N101KM
27	SV01AA121JHA	1515CN121JA102	102H42N121JQ3H	UTC4125-27	126974-27	PCI1552-27	1515N121J102LEXH	10HV01N121JM
28	SV01AA121KHA	1515CN121KA102	102H42N121KQ3H	UTC4125-28	126974-28	PCI1552-28	1515N121K102LEXH	10HV01N121KM
29	SV01AA151JHA	1515CN151JA102	102H42N151JQ3H	UTC4125-29	126974-29	PCI1552-29	1515N151J102LEXH	10HV01N151JM
30	SV01AA151KHA	1515CN151KA102	102H42N151KQ3H	UTC4125-30	126974-30	PCI1552-30	1515N151K102LEXH	10HV01N151KM
31	SV01AA181JHA	1515CN181JA102	102H42N181JQ3H	UTC4125-31	126974-31	PCI1552-31	1515N181J102LEXH	10HV01N181JM
32	SV01AA181KHA	1515CN181KA102	102H42N181KQ3H	UTC4125-32	126974-32	PCI1552-32	1515N181K102LEXH	10HV01N181KM
33	SV01AA221JHA	1515CN221JA102	102H42N221JQ3H	UTC4125-33	126974-33	PCI1552-33	1515N221J102LEXH	10HV01N221JM
34	SV01AA221KHA	1515CN221KA102	102H42N221KQ3H	UTC4125-34	126974-34	PCI1552-34	1515N221K102LEXH	10HV01N221KM
35	SV01AA271JHA	1515CN271JA102	102H42N271JQ3H	UTC4125-35	126974-35	PCI1552-35	1515N271J102LEXH	10HV01N271JM
36	SV01AA271KHA	1515CN271KA102	102H42N271KQ3H	UTC4125-36	126974-36	PCI1552-36	1515N271K102LEXH	10HV01N271KM
37	SV01AA331JHA	1515CN331JA102	102H42N331JQ3H	UTC4125-37	126974-37	PCI1552-37	1515N331J102LEXH	10HV01N331JM
38	SV01AA331KHA	1515CN331KA102	102H42N331KQ3H	UTC4125-38	126974-38	PCI1552-38	1515N331K102LEXH	10HV01N331KM
39	SV01AA391JHA	1515CN391JA102	102H42N391JQ3H	UTC4125-39	126974-39	PCI1552-39	1515N391J102LEXH	10HV01N391JM
40	SV01AA391KHA	1515CN391KA102	102H42N391KQ3H	UTC4125-40	126974-40	PCI1552-40	1515N391K102LEXH	10HV01N391KM
41	SV01AA471JHA	1515CN471JA102	102H42N471JQ3H	UTC4125-41	126974-41	PCI1552-41	1515N471J102LEXH	10HV01N471JM
42	SV01AA471KHA	1515CN471KA102	102H42N471KQ3H	UTC4125-42	126974-42	PCI1552-42	1515N471K102LEXH	10HV01N471KM
43	SV01AA561JHA	1515CN561JA102	102H42N561JQ3H	UTC4125-43	126974-43	PCI1552-43	1515N561J102LEXH	10HV01N561JM
44	SV01AA561KHA	1515CN561KA102	102H42N561KQ3H	UTC4125-44	126974-44	PCI1552-44	1515N561K102LEXH	10HV01N561KM
45	SV01AA681JHA	1515CN681JA102	102H42N681JQ3H	UTC4125-45	126974-45	PCI1552-45	1515N681J102LEXH	10HV01N681JM
46	SV01AA681KHA	1515CN681KA102	102H42N681KQ3H	UTC4125-46	126974-46	PCI1552-46	1515N681K102LEXH	10HV01N681KM
47	SV01AA821JHA	1515CN821JA102	102H42N821JQ3H	UTC4125-47	126974-47	PCI1552-47	1515N821J102LEXH	10HV01N821JM
48	SV01AA821KHA	1515CN821KA102	102H42N821KQ3H	UTC4125-48	126974-48	PCI1552-48	1515N821K102LEXH	10HV01N821KM

See footnote at end of table.

DEFENSE ELECTRONICS SUPPLY CENTER DAYTON, OHIO	SIZE A	CODE IDENT NO. 14933	REV M	DWG NO. 87046
	PAGE 7			

1/ DSCC drawing PIN 87046-	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	SV01AA102JHA	1515CN102JA102	102H42N102JQ3H	UTC4125-49	126974-49	PCI1552-49	1515N102J102LEXH	10HV01N102JM
50	SV01AA102KHA	1515CN102KA102	102H42N102KQ3H	UTC4125-50	126974-50	PCI1552-50	1515N102K102LEXH	10HV01N102KM
51	SV02AA122JHA	2020CN122JA102	102H46N122JQ3H	UTC4125-51	126974-51	PCI1552-51	2020N122J102LEXH	10HV02N122JM
52	SV02AA122KHA	2020CN122KA102	102H46N122KQ3H	UTC4125-52	126974-52	PCI1552-52	2020N122K102LEXH	10HV02N122KM
53	SV02AA152JHA	2020CN152JA102	102H46N152JQ3H	UTC4125-53	126974-53	PCI1552-53	2020N152J102LEXH	10HV02N152JM
54	SV02AA152KHA	2020CN152KA102	102H46N152KQ3H	UTC4125-54	126974-54	PCI1552-54	2020N152K102LEXH	10HV02N152KM
55	SV02AA182JHA	2020CN182JA102	102H46N182JQ3H	UTC4125-55	126974-55	PCI1552-55	2020N182J102LEXH	10HV02N182JM
56	SV02AA182KHA	2020CN182KA102	102H46N182KQ3H	UTC4125-56	126974-56	PCI1552-56	2020N182K102LEXH	10HV02N182KM
57	SV03AA222JHA	2520CN222JA102	102H47N222JQ3H	UTC4125-57	126974-57	PCI1552-51	2520N222J102LEXH	10HV03N222JM
58	SV03AA222KHA	2520CN222KA102	102H47N222KQ3H	UTC4125-58	126974-58	PCI1552-52	2520N222K102LEXH	10HV03N222KM
59	SV05AA272JHA	3530CN272KA102	102H51N272JQ3H	UTC4125-59	126974-59	PCI1552-53	3530N272J102LEXH	10HV04N272JM
60	SV05AA272KHA	3530CN272KA102	102H51N272KQ3H	UTC4125-60	126974-60	PCI1552-54	3530N272K102LEXH	10HV04N272KM
61	SV05AA332JHA	3530CN332JA102	102H51N332JQ3H	UTC4125-61	126974-61	PCI1552-55	3530N332J102LEXH	10HV04N332JM
62	SV05AA332KHA	3530CN332KA102	102H51N332KQ3H	UTC4125-62	126974-62	PCI1552-62	3530N332K102LEXH	10HV04N332KM
63	SV05AA392JHA	3530CN392JA102	102H51N392JQ3H	UTC4125-63	126974-63	PCI1552-63	3530N392J102LEXH	10HV04N392JM
64	SV05AA392KHA	3530CN392KA102	102H51N392KQ3H	UTC4125-64	126974-64	PCI1552-64	3530N392K102LEXH	10HV04N392KM
65	SV05AA472JHA	3530CN472JA102	102H51N472JQ3H	UTC4125-65	126974-65	PCI1552-65	3530N472J102LEXH	10HV04N472JM
66	SV05AA472KHA	3530CN472KA102	102H51N472KQ3H	UTC4125-66	126974-66	PCI1552-66	3530N472K102LEXH	10HV04N472KM
67	SV07AA562JHA	4540CN562JA102	102H62N562JQ3H	UTC4125-67	126974-67	PCI1552-67	4540N562J102LEXH	10HV05N562JM
68	SV07AA562KHA	4540CN562KA102	102H62N562KQ3H	UTC4125-68	126974-68	PCI1552-68	4540N562K102LEXH	10HV05N562KM
69	SV07AA682JHA	4540CN682JA102	102H62N682JQ3H	UTC4125-69	126974-69	PCI1552-69	4540N682J102LEXH	10HV05N682JM
70	SV07AA682KHA	4540CN682KA102	102H62N682KQ3H	UTC4125-70	126974-70	PCI1552-70	4540N682K102LEXH	10HV05N682KM
71	SV07AA822JHA	4540CN822JA102	102H62N822JQ3H	UTC4125-71	126974-71	PCI1552-71	4540N822J102LEXH	10HV05N822JM
72	SV07AA822KHA	4540CN822KA102	102H62N822KQ3H	UTC4125-72	126974-72	PCI1552-72	4540N822K102LEXH	10HV05N822KM
73	SV07AA103JHA	4540CN103JA102	102H62N103JQ3H	UTC4125-73	126974-73	PCI1552-73	4540N103J102LEXH	10HV05N103JM
74	SV07AA103KHA	4540CN103KA102	102H62N103KQ3H	UTC4125-74	126974-74	PCI1552-74	4540N103K102LEXH	10HV05N103KM
75	SV08AA123JHA	5550CN123JA102	102H66N123JQ3H	UTC4125-75	126974-75	PCI1552-75	5550N123J102LEXH	10HV06N123JM
76	SV08AA123KHA	5550CN123KA102	102H66N123KQ3H	UTC4125-76	126974-76	PCI1552-76	5550N123K102LEXH	10HV06N123KM
77	SV08AA153JHA	5550CN153JA102	102H66N153JQ3H	UTC4125-77	126974-77	PCI1552-77	5550N153J102LEXH	10HV06N153JM
78	SV08AA153KHA	5550CN153KA102	102H66N153KQ3H	UTC4125-78	126974-78	PCI1552-78	5550N153K102LEXH	10HV06N153KM
79	SV08AA183JHA	5550CN183JA102	102H66N183JQ3H	UTC4125-79	126974-79	PCI1552-79	5550N183J102LEXH	10HV06N183JM
80	SV08AA183KHA	5550CN183KA102	102H66N183KQ3H	UTC4125-80	126974-80	PCI1552-80	5550N183K102LEXH	10HV06N183KM
81	SV09AA223JHA	6560CN223JA102	102H70N223JQ3H	UTC4125-81	126974-81	PCI1552-81	6560N223J102LEXH	10HV07N223JM
82	SV09AA223KHA	6560CN223KA102	102H70N223KQ3H	UTC4125-82	126974-82	PCI1552-82	6560N223K102LEXH	10HV07N223KM
83	SV09AA253JHA	6560CN253JA102	102H70N253JQ3H	UTC4125-83	126974-83	PCI1552-83	6560N253J102LEXH	10HV07N253JM
84	SV09AA253KHA	6560CN253KA102	102H70N253KQ3H	UTC4125-84	126974-84	PCI1552-84	6560N253K102LEXH	10HV07N253KM

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. 87046
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