

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, modified 6.1. Editorial changes throughout.	18 Jan 94	D. Moore
D	Changes in accordance with NOR 5910-R008-96	23 May 96	A. Ernst
E	Revised sources of supply, added alternate marking method, 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	REV	M	M	M	M	M	M	M	M	M								
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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, CG, 4,000 V DC
	APPROVED BY DAVID E. MOORE	
	SIZE A	CODE IDENT. NO. 14933
	DWG NO. 87076	
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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.

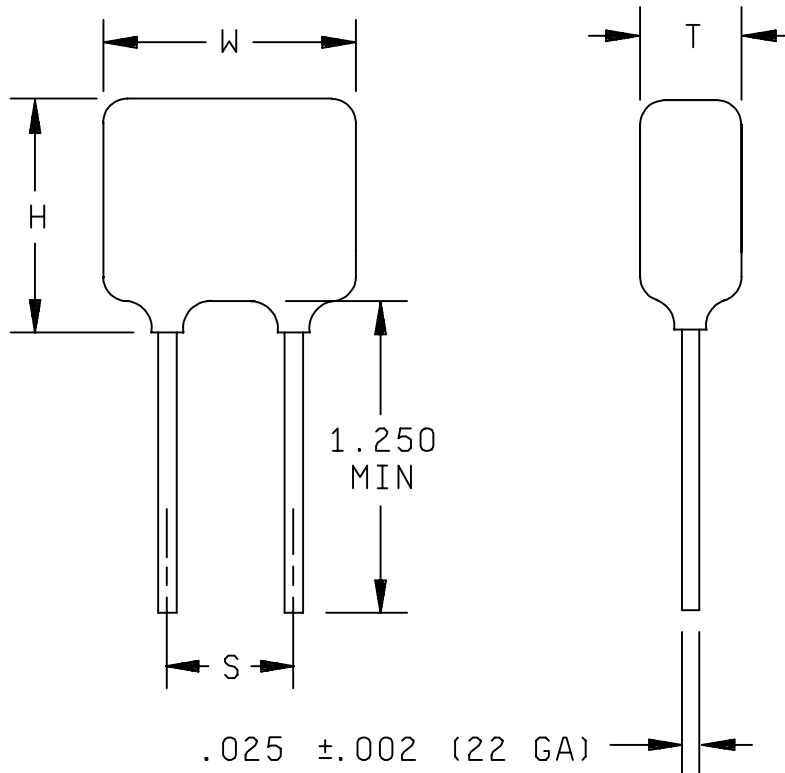
3.1.3 Operating temperature range. The operating temperature range shall be -55°C to +125°C.

3.2 Electrical characteristics.

3.2.1 Rated voltage. The rated voltage shall be 4,000 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	.450	.220	.200	.300
B	.470	.400	.270	.375
C	.570	.500	.270	.475
D	.670	.600	.270	.575
E	.770	.720	.270	.675
F	1.450	.720	.270	1.300

Inches	mm	Inches	mm
.002	0.05	.500	12.70
.025	0.64	.570	14.48
.030	0.76	.575	14.61
.200	5.08	.600	15.24
.220	5.59	.670	17.02
.270	6.86	.675	17.15
.300	7.62	.720	18.29
.375	9.53	.770	19.56
.400	10.16	1.250	31.75
.450	11.43	1.300	33.02
.470	11.94	1.450	36.83
.475	12.07		

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. 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.

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 87076-	Capacitance	Capacitance tolerance	Case code	DSCC drawing 87076-	Capacitance	Capacitance tolerance	Case code
01	10 pF	J	A	36	270 pF	K	B
02	10 pF	K	A	37	330 pF	J	B
03	12 pF	J	A	38	330 pF	K	B
04	12 pF	K	A	39	390 pF	J	B
05	15 pF	J	A	40	390 pF	K	B
06	15 pF	K	A	41	470 pF	J	B
07	18 pF	J	A	42	470 pF	K	B
08	18 pF	K	A	43	560 pF	J	B
09	22 pF	J	A	44	560 pF	K	B
10	22 pF	K	A	45	680 pF	J	B
11	27 pF	J	A	46	680 pF	K	B
12	27 pF	K	A	47	820 pF	J	B
13	33 pF	J	A	48	820 pF	K	B
14	33 pF	K	A	49	1000 pF	J	B
15	39 pF	J	A	50	1000 pF	K	B
16	39 pF	K	A	51	1200 pF	J	C
17	47 pF	J	A	52	1200 pF	K	C
18	47 pF	K	A	53	1500 pF	J	C
19	56 pF	J	A	54	1500 pF	K	C
20	56 pF	K	A	55	1800 pF	J	C
21	68 pF	J	A	56	1800 pF	K	C
22	68 pF	K	A	57	2200 pF	J	C
23	82 pF	J	A	58	2200 pF	K	C
24	82 pF	K	A	59	2700 pF	J	D
25	100 pF	J	B	60	2700 pF	K	D
26	100 pF	K	B	61	3300 pF	J	D
27	120 pF	J	B	62	3300 pF	K	D
28	120 pF	K	B	63	3900 pF	J	E
29	150 pF	J	B	64	3900 pF	K	E
30	150 pF	K	B	65	4700 pF	J	F
31	180 pF	J	B	66	4700 pF	K	F
32	180 pF	K	B	67	5600 pF	J	F
33	220 pF	J	B	68	5600 pF	K	F
34	220 pF	K	B	69	6800 pF	J	F
35	270 pF	J	B	70	6800 pF	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@dsccl.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@dsccl.dla.mil also by telephone (614) 692-4709 or DSN 850-4709.

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1/ DSCC drawing PIN 87076-	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	SV04JA100JHA	3015CN100JA402	402H99N100JQ3H	UTC4131-01	129390-01	PCI1554-01	3015N100J402LEXH	40HV10N100JM
02	SV04JA100KHA	3015CN100KA402	402H99N100KQ3H	UTC4131-02	129390-02	PCI1554-02	3015N100K402LEXH	40HV10N100KM
03	SV04JA120JHA	3015CN120JA402	402H99N120JQ3H	UTC4131-03	129390-03	PCI1554-03	3015N120J402LEXH	40HV10N120JM
04	SV04JA120KHA	3015CN120KA402	402H99N120KQ3H	UTC4131-04	129390-04	PCI1554-04	3015N120K402LEXH	40HV10N120KM
05	SV04JA150JHA	3015CN150JA402	402H99N150JQ3H	UTC4131-05	129390-05	PCI1554-05	3015N150J402LEXH	40HV10N150JM
06	SV04JA150KHA	3015CN150KA402	402H99N150KQ3H	UTC4131-06	129390-06	PCI1554-06	3015N150K402LEXH	40HV10N150KM
07	SV04JA180JHA	3015CN180JA402	402H99N180JQ3H	UTC4131-07	129390-07	PCI1554-07	3015N180J402LEXH	40HV10N180JM
08	SV04JA180KHA	3015CN180KA402	402H99N180KQ3H	UTC4131-08	129390-08	PCI1554-08	3015N180K402LEXH	40HV10N180KM
09	SV04JA220JHA	3015CN220JA402	402H99N220JQ3H	UTC4131-09	129390-09	PCI1554-09	3015N220J402LEXH	40HV10N220JM
10	SV04JA220KHA	3015CN220KA402	402H99N220KQ3H	UTC4131-10	129390-10	PCI1554-10	3015N220K402LEXH	40HV10N220KM
11	SV04JA270JHA	3015CN270JA402	402H99N270JQ3H	UTC4131-11	129390-11	PCI1554-11	3015N270J402LEXH	40HV10N270JM
12	SV04JA270KHA	3015CN270KA402	402H99N270KQ3H	UTC4131-12	129390-12	PCI1554-12	3015N270K402LEXH	40HV10N270KM
13	SV04JA330JHA	3015CN330JA402	402H99N330JQ3H	UTC4131-13	129390-13	PCI1554-13	3015N330J402LEXH	40HV10N330JM
14	SV04JA330KHA	3015CN330KA402	402H99N330KQ3H	UTC4131-14	129390-14	PCI1554-14	3015N330K402LEXH	40HV10N330KM
15	SV04JA390JHA	3015CN390JA402	402H99N390JQ3H	UTC4131-15	129390-15	PCI1554-15	3015N390J402LEXH	40HV10N390JM
16	SV04JA390KHA	3015CN390KA402	402H99N390KQ3H	UTC4131-16	129390-16	PCI1554-16	3015N390K402LEXH	40HV10N390KM
17	SV04JA470JHA	3015CN470JA402	402H99N470JQ3H	UTC4131-17	129390-17	PCI1554-17	3015N470J402LEXH	40HV10N470JM
18	SV04JA470KHA	3015CN470KA402	402H99N470KQ3H	UTC4131-18	129390-18	PCI1554-18	3015N470K402LEXH	40HV10N470KM
19	SV04JA560JHA	3015CN560JA402	402H99N560JQ3H	UTC4131-19	129390-19	PCI1554-19	3015N560J402LEXH	40HV10N560JM
20	SV04JA560KHA	3015CN560KA402	402H99N560KQ3H	UTC4131-20	129390-20	PCI1554-20	3015N560K402LEXH	40HV10N560KM
21	SV04JA680JHA	3015CN680JA402	402H99N680JQ3H	UTC4131-21	129390-21	PCI1554-21	3015N680J402LEXH	40HV10N680JM
22	SV04JA680KHA	3015CN680KA402	402H99N680KQ3H	UTC4131-22	129390-22	PCI1554-22	3015N680K402LEXH	40HV10N680KM
23	SV04JA820JHA	3015CN820JA402	402H99N820JQ3H	UTC4131-23	129390-23	PCI1554-23	3015N820J402LEXH	40HV10N820JM
24	SV04JA820KHA	3015CN820KA402	402H99N820KQ3H	UTC4131-24	129390-24	PCI1554-24	3015N820K402LEXH	40HV10N820KM
25	SV05JA101JHA	3530CN101JA402	402H51N101JQ3H	UTC4131-25	129390-25	PCI1554-25	3530N101J402LEXH	40HV04N101JM
26	SV05JA101KHA	3530CN101KA402	402H51N101KQ3H	UTC4131-26	129390-26	PCI1554-26	3530N101K402LEXH	40HV04N101KM
27	SV05JA121JHA	3530CN121JA402	402H51N121JQ3H	UTC4131-27	129390-27	PCI1554-27	3530N121J402LEXH	40HV04N121JM
28	SV05JA121KHA	3530CN121KA402	402H51N121KQ3H	UTC4131-28	129390-28	PCI1554-28	3530N121K402LEXH	40HV04N121KM
29	SV05JA151JHA	3530CN151JA402	402H51N151JQ3H	UTC4131-29	129390-29	PCI1554-29	3530N151J402LEXH	40HV04N151JM
30	SV05JA151KHA	3530CN151KA402	402H51N151KQ3H	UTC4131-30	129390-30	PCI1554-30	3530N151K402LEXH	40HV04N151KM
31	SV05JA181JHA	3530CN181JA402	402H51N181JQ3H	UTC4131-31	129390-31	PCI1554-31	3530N181J402LEXH	40HV04N181JM
32	SV05JA181KHA	3530CN181KA402	402H51N181KQ3H	UTC4131-32	129390-32	PCI1554-32	3530N181K402LEXH	40HV04N181KM
33	SV05JA221JHA	3530CN221JA402	402H51N221JQ3H	UTC4131-33	129390-33	PCI1554-33	3530N221J402LEXH	40HV04N221JM
34	SV05JA221KHA	3530CN221KA402	402H51N221KQ3H	UTC4131-34	129390-34	PCI1554-34	3530N221K402LEXH	40HV04N221KM
35	SV05JA271JHA	3530CN271JA402	402H51N271JQ3H	UTC4131-35	129390-35	PCI1554-35	3530N271J402LEXH	40HV04N271JM
36	SV05JA271KHA	3530CN271KA402	402H51N271KQ3H	UTC4131-36	129390-36	PCI1554-36	3530N271K402LEXH	40HV04N271KM
37	SV05JA331JHA	3530CN331JA402	402H51N331JQ3H	UTC4131-37	129390-37	PCI1554-37	3530N331J402LEXH	40HV04N331JM
38	SV05JA331KHA	3530CN331KA402	402H51N331KQ3H	UTC4131-38	129390-38	PCI1554-38	3530N331K402LEXH	40HV04N331KM
39	SV05JA391JHA	3530CN391JA402	402H51N391JQ3H	UTC4131-39	129390-39	PCI1554-39	3530N391J402LEXH	40HV04N391JM
40	SV05JA391KHA	3530CN391KA402	402H51N391KQ3H	UTC4131-40	129390-40	PCI1554-40	3530N391K402LEXH	40HV04N391KM
41	SV05JA471JHA	3530CN471JA402	402H51N471JQ3H	UTC4131-41	129390-41	PCI1554-41	3530N471J402LEXH	40HV04N471JM
42	SV05JA471KHA	3530CN471KA402	402H51N471KQ3H	UTC4131-42	129390-42	PCI1554-42	3530N471K402LEXH	40HV04N471KM
43	SV05JA561JHA	3530CN561JA402	402H51N561JQ3H	UTC4131-43	129390-43	PCI1554-43	3530N561J402LEXH	40HV04N561JM
44	SV05JA561KHA	3530CN561KA402	402H51N561KQ3H	UTC4131-44	129390-44	PCI1554-44	3530N561K402LEXH	40HV04N561KM
45	SV05JA681JHA	3530CN681JA402	402H51N681JQ3H	UTC4131-45	129390-45	PCI1554-45	3530N681J402LEXH	40HV04N681JM
46	SV05JA681KHA	3530CN681KA402	402H51N681KQ3H	UTC4131-46	129390-46	PCI1554-46	3530N681K402LEXH	40HV04N681KM
47	SV05JA821JHA	3530CN821JA402	402H51N821JQ3H	UTC4131-47	129390-47	PCI1554-47	3530N821J402LEXH	40HV04N821JM
48	SV05JA821KHA	3530CN821KA402	402H51N821KQ3H	UTC4131-48	129390-48	PCI1554-48	3530N821K402LEXH	40HV04N821KM

See footnote at end of table.

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1/ DSCC drawing PIN 87076-	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	SV05JA102JHA	3530CN102JA402	402H51N102JQ3H	UTC4131-49	129390-49	PCI1554-49	3530N102J402LEXH	40HV04N102JM
50	SV05JA102KHA	3530CN102KA402	402H51N102KQ3H	UTC4131-50	129390-50	PCI1554-50	3530N102K402LEXH	40HV04N102KM
51	SV07JA122JHA	4540CN122JA402	402H62N122JQ3H	UTC4131-51	129390-51	PCI1554-51	4540N122J402LEXH	40HV05N122JM
52	SV07JA122KHA	4540CN122KA402	402H62N122KQ3H	UTC4131-52	129390-52	PCI1554-52	4540N122K402LEXH	40HV05N122KM
53	SV07JA152JHA	4540CN152JA402	402H62N152JQ3H	UTC4131-53	129390-53	PCI1554-53	4540N152J402LEXH	40HV05N152JM
54	SV07JA152KHA	4540CN152KA402	402H62N152KQ3H	UTC4131-54	129390-54	PCI1554-54	4540N152K402LEXH	40HV05N152KM
55	SV07JA182JHA	4540CN182JA402	402H62N182JQ3H	UTC4131-55	129390-55	PCI1554-55	4540N182J402LEXH	40HV05N182JM
56	SV07JA182KHA	4540CN182KA402	402H62N182KQ3H	UTC4131-56	129390-56	PCI1554-56	4540N182K402LEXH	40HV05N182KM
57	SV07JA222JHA	4540CN222JA402	402H62N222JQ3H	UTC4131-57	129390-57	PCI1554-57	4540N222J402LEXH	40HV05N222JM
58	SV07JA222KHA	4540CN222KA402	402H62N222KQ3H	UTC4131-58	129390-58	PCI1554-58	4540N222K402LEXH	40HV05N222KM
59	SV07JA272JHA	5550CN272JA402	402H66N272JQ3H	UTC4131-59	129390-59	PCI1554-59	5550N272J402LEXH	40HV06N272JM
60	SV07JA272KHA	5550CN272KA402	402H66N272KQ3H	UTC4131-60	129390-60	PCI1554-60	5550N272K402LEXH	40HV06N272KM
61	SV07JA332JHA	5550CN332JA402	402H66N332JQ3H	UTC4131-61	129390-61	PCI1554-61	5550N332J402LEXH	40HV06N332JM
62	SV07JA332KHA	5550CN332KA402	402H66N332KQ3H	UTC4131-62	129390-62	PCI1554-62	5550N332K402LEXH	40HV06N332KM
63	SV09JA392JHA	6560CN392JA402	402H70N392JQ3H	UTC4131-63	129390-63	PCI1554-63	6560N392J402LEXH	40HV07N392JM
64	SV09JA392KHA	6560CN392KA402	402H70N392KQ3H	UTC4131-64	129390-64	PCI1554-64	6560N392K402LEXH	40HV07N392KM
65	SV12JA472JHA	13060CN472JA402	402H80N472JQ3H	UTC4131-65	129390-65	PCI1554-65	13060N472J402LEXH	40HV16N472JM
66	SV12JA472KHA	13060CN472KA402	402H80N472KQ3H	UTC4131-66	129390-66	PCI1554-66	13060N472K402LEXH	40HV16N472KM
67	SV12JA562JHA	13060CN562JA402	402H80N562JQ3H	UTC4131-67	129390-67	PCI1554-67	13060N562J402LEXH	40HV16N562JM
68	SV12JA562KHA	13060CN562KA402	402H80N562KQ3H	UTC4131-68	129390-68	PCI1554-68	13060N562K402LEXH	40HV16N562KM
69	SV12JA682JHA	13060CN682JA402	402H80N682JQ3H	UTC4131-69	129390-69	PCI1554-69	13060N682J402LEXH	40HV16N682JM
70	SV12JA682KHA	13060CN682KA402	402H80N682KQ3H	UTC4131-70	129390-70	PCI1554-70	13060N682K402LEXH	40HV16N682KM

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. 87076
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