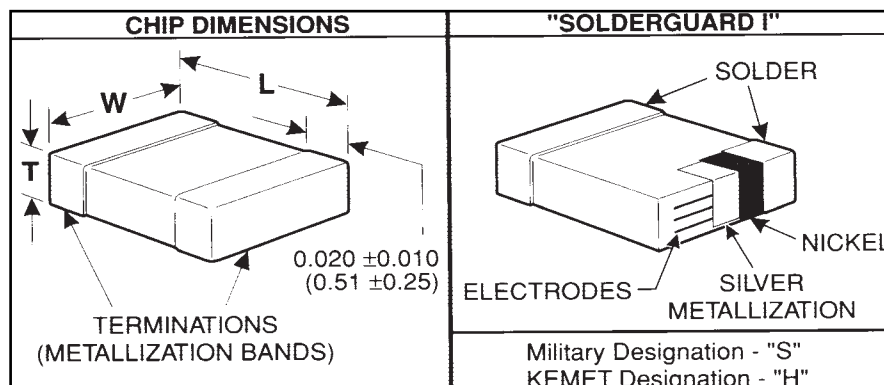


CAPACITOR OUTLINE DRAWINGS



NOTE: For solder coated terminations, add 0.015" (0.38mm) to the positive width and thickness tolerances. Add the following to the positive length tolerance: **CKS51** - 0.020" (0.51mm); **CKS52, CKS53 and CKS54** - 0.025" (0.64mm); add 0.012" (0.30mm) to the bandwidth tolerance.

DIMENSIONS — INCHES

Chip Size	Military Equivalent Styles	L Length	W Width	T Thickness Max
0805	CKS51	0.080 ± 0.015	0.050 ± 0.015	0.055
1210	CKS52	0.120 ± 0.015	0.100 ± 0.015	0.065
1808	CKS53	0.180 ± 0.015	0.080 ± 0.015	0.065
2225	CKS54	0.22 ± 0.015	0.250 ± 0.015	0.065
1206	CKS55	0.120 ± 0.015	0.060 ± 0.015	0.065
1812	CKS56	0.180 ± 0.015	0.125 ± 0.015	0.08
1825	CKS57	0.180 ± 0.015	0.250 ± 0.015	0.08

MARKING

Capacitors shall be legibly laser marked in contrasting color with the KEMET trademark and 2-digit capacitance symbol.

KEMET ORDERING INFORMATION

C 0805 Z 101 K 5 G A H

Ceramic Chip Size
0805, 1206, 1210, 1808, 1812, 1825, 2225

Specification
Z — Mil-PRF-123

Capacitance Picofarad Code
First two digits represent significant figures.
Third digit specifies number of zeros to follow.

Capacitance Tolerance
C — $\pm 0.25\text{pF}$ J — $\pm 5\%$
D — $\pm 0.5\text{ pF}$ K — $\pm 10\%$
F — $\pm 1\%$

Working Voltage
5 — 50; 1 — 100

Termination
H = Nickel Guarded, Solder-Coated (Solderguard I)

Failure Rate
(%/1000 Hours)
A - Standard — Not Applicable

Temperature Characteristic

KEMET Designator	Military Equivalent	Temp. Range, °C	Measured Without DC Bias Voltage	Measured With Bias (Rated Voltage)
G (Ultra Stable)	BP	55 to +125	± 30 ppm °C	± 30 ppm °C
X (Stable)	BX	-55 to +125	$\pm 15\%$	+15% -25%

M123 A 10 BX B 472 K S

Military Specification Number

Modification Number
Indicates the latest characteristics of the part in the specification sheet.

MIL-PRF-123 Slash Sheet Number

Slash Sheet#	KEMET Style	MIL-PRF-123 Style
10	C0805	CKS51
11	C1210	CKS52
12	C1808	CKS53
13	C2225	CKS54
21	C1206	CKS55
22	C1812	CKS56
23	C1825	CKS57

Termination
S - SnPb 60/40

Tolerance
C - $\pm 0.25\text{pF}$; D - $\pm 0.5\text{pF}$; F - $\pm 1\%$; J - $\pm 5\%$; K - $\pm 10\%$

Capacitance Picofarad Code

Voltage
B - 50; C - 100

Temperature Characteristic

KEMET Designator	Military Equivalent	EIA Equivalent	Temp. Range, °C	Capacitance Change with Temperature	
				Measured Without DC Bias Voltage	Measured With Bias (Rated Voltage)
G (Ultra Stable)	BP	C0G (NPO)	-55 to +125	± 30 ppm °C	± 30 ppm °C
X (Stable)	BX	X7R	-55 to +125	$\pm 15\%$	+15% -25%

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
50/100 VOLT-BP-C0805 SIZE (MILITARY CKS51)		
1.0	C0805Z109(1)(7)GAH	M 123A10BP(7)1R0(1)S
1.1	C0805Z119(1)(7)GAH	M 123A10BP(7)1R1(1)S
1.2	C0805Z129(1)(7)GAH	M 123A10BP(7)1R2(1)S
1.3	C0805Z139(1)(7)GAH	M 123A10BP(7)1R3(1)S
1.5	C0805Z159(1)(7)GAH	M 123A10BP(7)1R5(1)S
1.6	C0805Z169(1)(7)GAH	M 123A10BP(7)1R6(1)S
1.8	C0805Z189(1)(7)GAH	M 123A10BP(7)1R8(1)S
2.0	C0805Z209(1)(7)GAH	M 123A10BP(7)2R0(1)S
2.2	C0805Z229(1)(7)GAH	M 123A10BP(7)2R2(1)S
2.4	C0805Z249(1)(7)GAH	M 123A10BP(7)2R4(1)S
2.7	C0805Z279(1)(7)GAH	M 123A10BP(7)2R7(1)S
3.0	C0805Z309(1)(7)GAH	M 123A10BP(7)3R0(1)S
3.3	C0805Z339(1)(7)GAH	M 123A10BP(7)3R3(1)S
3.6	C0805Z369(1)(7)GAH	M 123A10BP(7)3R6(1)S
3.9	C0805Z399(1)(7)GAH	M 123A10BP(7)3R9(1)S
4.3	C0805Z439(1)(7)GAH	M 123A10BP(7)4R3(1)S
4.7	C0805Z479(1)(7)GAH	M 123A10BP(7)4R7(1)S
5.1	C0805Z519(1)(7)GAH	M 123A10BP(7)5R1(1)S
5.6	C0805Z569(1)(7)GAH	M 123A10BP(7)5R6(1)S
6.2	C0805Z629(1)(7)GAH	M 123A10BP(7)6R2(1)S
6.8	C0805Z689(1)(7)GAH	M 123A10BP(7)6R8(1)S
7.5	C0805Z759(1)(7)GAH	M 123A10BP(7)7R5(1)S
8.2	C0805Z829(1)(7)GAH	M 123A10BP(7)8R2(1)S
9.1	C0805Z919(1)(7)GAH	M 123A10BP(7)9R1(1)S
10.0	C0805Z100(2)(7)GAH	M 123A10BP(7)100(2)S
11.0	C0805Z110(2)(7)GAH	M 123A10BP(7)110(2)S
12.0	C0805Z120(2)(7)GAH	M 123A10BP(7)120(2)S
13.0	C0805Z130(2)(7)GAH	M 123A10BP(7)130(2)S
15.0	C0805Z150(2)(7)GAH	M 123A10BP(7)150(2)S
16.0	C0805Z160(2)(7)GAH	M 123A10BP(7)160(2)S
18.0	C0805Z180(2)(7)GAH	M 123A10BP(7)180(2)S
20.0	C0805Z200(2)(7)GAH	M 123A10BP(7)200(2)S
22.0	C0805Z220(2)(7)GAH	M 123A10BP(7)220(2)S
24.0	C0805Z240(2)(7)GAH	M 123A10BP(7)240(2)S
27.0	C0805Z270(3)(7)GAH	M 123A10BP(7)270(3)S
30.0	C0805Z300(3)(7)GAH	M 123A10BP(7)300(3)S
33.0	C0805Z330(3)(7)GAH	M 123A10BP(7)330(3)S
36.0	C0805Z360(3)(7)GAH	M 123A10BP(7)360(3)S
39.0	C0805Z390(3)(7)GAH	M 123A10BP(7)390(3)S
43.0	C0805Z430(3)(7)GAH	M 123A10BP(7)430(3)S
47.0	C0805Z470(3)(7)GAH	M 123A10BP(7)470(3)S
51.0	C0805Z510(3)(7)GAH	M 123A10BP(7)510(3)S
56.0	C0805Z560(3)(7)GAH	M 123A10BP(7)560(3)S
62.0	C0805Z620(3)(7)GAH	M 123A10BP(7)620(3)S
68.0	C0805Z680(3)(7)GAH	M 123A10BP(7)680(3)S
75.0	C0805Z750(3)(7)GAH	M 123A10BP(7)750(3)S
50/100 VOLT-BP-C0805 SIZE (MILITARY CKS51)		
82.0	C0805Z820(3)(7)GAH	M 123A10BP(7)820(3)S
91.0	C0805Z910(3)(7)GAH	M 123A10BP(7)910(3)S
100.0	C0805Z101(3)(7)GAH	M 123A10BP(7)101(3)S
110.0	C0805Z111(3)(7)GAH	M 123A10BP(7)111(3)S
120.0	C0805Z121(3)(7)GAH	M 123A10BP(7)121(3)S
130.0	C0805Z131(3)(7)GAH	M 123A10BP(7)131(3)S
150.0	C0805Z151(3)(7)GAH	M 123A10BP(7)151(3)S
160.0	C0805Z161(3)(7)GAH	M 123A10BP(7)161(3)S
180.0	C0805Z181(3)(7)GAH	M 123A10BP(7)181(3)S
200.0	C0805Z201(3)(7)GAH	M 123A10BP(7)201(3)S
220.0	C0805Z221(3)(7)GAH	M 123A10BP(7)221(3)S
240.0	C0805Z241(3)(7)GAH	M 123A10BP(7)241(3)S
270.0	C0805Z271(3)(7)GAH	M 123A10BP(7)271(3)S
300.0	C0805Z301(3)(7)GAH	M 123A10BP(7)301(3)S
330.0	C0805Z331(3)(7)GAH	M 123A10BP(7)331(3)S
360.0	C0805Z361(3)(7)GAH	M 123A10BP(7)361(3)S
390.0	C0805Z391(3)(7)GAH	M 123A10BP(7)391(3)S
430.0	C0805Z431(3)(7)GAH	M 123A10BP(7)431(3)S
470.0	C0805Z471(3)(7)GAH	M 123A10BP(7)471(3)S

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
50 VOLT-BP-C0805 SIZE (MILITARY CKS51)		
510.0	C0805Z511(3)5GAH	M 123A10BPB511(3)S
560.0	C0805Z561(3)5GAH	M 123A10BPB561(3)S
620.0	C0805Z621(3)5GAH	M 123A10BPB621(3)S
680.0	C0805Z681(3)5GAH	M 123A10BPB681(3)S
50/100 VOLT-BX-C0805 SIZE (MILITARY CKS51)		
330.0	C0805Z331K(7)XAH	M123A10BX(7)331KS
390.0	C0805Z391K(7)XAH	M123A10BX(7)391KS
470.0	C0805Z471K(7)XAH	M123A10BX(7)471KS
560.0	C0805Z561K(7)XAH	M123A10BX(7)561KS
680.0	C0805Z681K(7)XAH	M123A10BX(7)681KS
820.0	C0805Z821K(7)XAH	M123A10BX(7)821KS
1,000.0	C0805Z102K(7)XAH	M123A10BX(7)102KS
1,200.0	C0805Z122K(7)XAH	M123A10BX(7)122KS
1,500.0	C0805Z152K(7)XAH	M123A10BX(7)152KS
1,800.0	C0805Z182K(7)XAH	M123A10BX(7)182KS
2,200.0	C0805Z222K(7)XAH	M123A10BX(7)222KS
2,700.0	C0805Z272K(7)XAH	M123A10BX(7)272KS
3,300.0	C0805Z332K(7)XAH	M123A10BX(7)332KS
3,900.0	C0805Z392K(7)XAH	M123A10BX(7)392KS
4,700.0	C0805Z472K(7)XAH	M123A10BX(7)472KS
50 VOLT-BX-C0805 SIZE (MILITARY CKS51)		
5,600.0	C0805Z562K5XAH	M123A10BxB 562KS
6,800.0	C0805Z682K5XAH	M123A10BxB 682KS
8,200.0	C0805Z822K5XAH	M123A10BxB 822KS
10,000.0	C0805Z103K5XAH	M123A10BxB 103KS
12,000.0	C0805Z123K5XAH	M123A10BxB 123KS
15,000.0	C0805Z153K5XAH	M123A10BxB 153KS
18,000.0	C0805Z183K5XAH	M123A10BxB 183KS
50/100 VOLT-BP-C1210 SIZE (MILITARY CKS52)		
300.0	C1210Z301(3)(7)GAH	M 123A11BP(7)301(3)S
330.0	C1210Z331(3)(7)GAH	M 123A11BP(7)331(3)S
360.0	C1210Z361(3)(7)GAH	M 123A11BP(7)361(3)S
390.0	C1210Z391(3)(7)GAH	M 123A11BP(7)391(3)S
430.0	C1210Z431(3)(7)GAH	M 123A11BP(7)431(3)S
470.0	C1210Z471(3)(7)GAH	M 123A11BP(7)471(3)S
510.0	C1210Z511(3)(7)GAH	M 123A11BP(7)511(3)S
560.0	C1210Z561(3)(7)GAH	M 123A11BP(7)561(3)S
620.0	C1210Z621(3)(7)GAH	M 123A11BP(7)621(3)S
680.0	C1210Z681(3)(7)GAH	M 123A11BP(7)681(3)S
750.0	C1210Z751(3)(7)GAH	M 123A11BP(7)751(3)S
820.0	C1210Z821(3)(7)GAH	M 123A11BP(7)821(3)S
910.0	C1210Z911(3)(7)GAH	M 123A11BP(7)911(3)S
1,000.0	C1210Z102(3)(7)GAH	M 123A11BP(7)102(3)S
1,100.0	C1210Z112(3)(7)GAH	M 123A11BP(7)112(3)S
1,200.0	C1210Z122(3)(7)GAH	M 123A11BP(7)122(3)S
1,300.0	C1210Z132(3)(7)GAH	M 123A11BP(7)132(3)S
1,500.0	C1210Z152(3)(7)GAH	M 123A11BP(7)152(3)S
1,600.0	C1210Z162(3)(7)GAH	M 123A11BP(7)162(3)S
1,800.0	C1210Z182(3)(7)GAH	M 123A11BP(7)182(3)S
2,000.0	C1210Z202(3)(7)GAH	M 123A11BP(7)202(3)S
2,200.0	C1210Z222(3)(7)GAH	M 123A11BP(7)222(3)S

To complete the KEMET part numbers, insert the following tolerance:

- (1) C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (2) C = $\pm 0.25\text{pF}$; J = $\pm 5\%$; K = $\pm 10\%$
- (3) F = $\pm 1\%$; J = $\pm 5\%$; K = $\pm 10\%$
- (4) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$
- (5) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (6) K = $\pm 10\%$; M = $\pm 20\%$

To complete the KEMET part numbers, insert the following voltage:

- (7) B = 50 volts; C = 100 volts

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
50 VOLT-BP-C1210 SIZE (MILITARY CKS52)		
2,400.0	C1210Z242(3)5GAH	M 123A11BPB242(3)S
2,700.0	C1210Z272(3)5GAH	M 123A11BPB272(3)S
3,000.0	C1210Z302(3)5GAH	M 123A11BPB302(3)S
3,300.0	C1210Z332(3)5GAH	M 123A11BPB332(3)S
50/100 VOLT-BX-C1210 SIZE (MILITARY CKS52)		
5,600.0	C1210Z562(6)(7)XAH	M123A11BX(7)562(6)S
6,800.0	C1210Z682(6)(7)XAH	M123A11BX(7)682(6)S
8,200.0	C1210Z822(6)(7)XAH	M123A11BX(7)822(6)S
10,000.0	C1210Z103(6)(7)XAH	M123A11BX(7)103(6)S
12,000.0	C1210Z123(6)(7)XAH	M123A11BX(7)123(6)S
15,000.0	C1210Z153(6)(7)XAH	M123A11BX(7)153(6)S
18,000.0	C1210Z183(6)(7)XAH	M123A11BX(7)183(6)S
22,000.0	C1210Z223(6)(7)XAH	M123A11BX(7)223(6)S
27,000.0	C1210Z273(6)(7)XAH	M123A11BX(7)273(6)S
50 VOLT-BX-C1210 SIZE (MILITARY CKS52)		
33,000.0	C1210Z333(6)5XAH	M123A11BxB 333(6)S
39,000.0	C1210Z393(6)5XAH	M123A11BxB 393(6)S
47,000.0	C1210Z473(6)5XAH	M123A11BxB 473(6)S
56,000.0	C1210Z563(6)5XAH	M123A11BxB 563(6)S
68,000.0	C1210Z683(6)5XAH	M123A11BxB 683(6)S
82,000.0	C1210Z823(6)5XAH	M123A11BxB 823(6)S
100,000.0	C1210Z104(6)5XAH	M123A11BxB 104(6)S
50/100 VOLT-BP-C1808 SIZE (MILITARY CKS53)		
300.0	C1808Z301(3)(7)GAH	M 123A12BP(7)301(3)S
330.0	C1808Z331(3)(7)GAH	M 123A12BP(7)331(3)S
360.0	C1808Z361(3)(7)GAH	M 123A12BP(7)361(3)S
390.0	C1808Z391(3)(7)GAH	M 123A12BP(7)391(3)S
430.0	C1808Z431(3)(7)GAH	M 123A12BP(7)431(3)S
470.0	C1808Z471(3)(7)GAH	M 123A12BP(7)471(3)S
510.0	C1808Z511(3)(7)GAH	M 123A12BP(7)511(3)S
560.0	C1808Z561(3)(7)GAH	M 123A12BP(7)561(3)S
620.0	C1808Z621(3)(7)GAH	M 123A12BP(7)621(3)S
680.0	C1808Z681(3)(7)GAH	M 123A12BP(7)681(3)S
750.0	C1808Z751(3)(7)GAH	M 123A12BP(7)751(3)S
820.0	C1808Z821(3)(7)GAH	M 123A12BP(7)821(3)S
910.0	C1808Z911(3)(7)GAH	M 123A12BP(7)911(3)S
1,000.0	C1808Z102(3)(7)GAH	M 123A12BP(7)102(3)S
50/100 VOLT-BX-C1808 SIZE (MILITARY CKS53)		
5,600.0	C1808Z562K(7)XAH	M123A12BX(7)562KS
6,800.0	C1808Z682K(7)XAH	M123A12BX(7)682KS
8,200.0	C1808Z822K(7)XAH	M123A12BX(7)822KS
10,000.0	C1808Z103K(7)XAH	M123A12BX(7)103KS
12,000.0	C1808Z123K(7)XAH	M123A12BX(7)123KS
15,000.0	C1808Z153K(7)XAH	M123A12BX(7)153KS
18,000.0	C1808Z183K(7)XAH	M123A12BX(7)183KS
22,000.0	C1808Z223K(7)XAH	M123A12BX(7)223KS
27,000.0	C1808Z273K(7)XAH	M123A12BX(7)273KS
33,000.0	C1808Z333K(7)XAH	M123A12BX(7)333KS
50 VOLT-BX-C1808 SIZE (MILITARY CKS53)		
39,000.0	C1808Z393K5XAH	M123A12BxB 393KS
47,000.0	C1808Z473K5XAH	M123A12BxB 473KS
56,000.0	C1808Z563K5XAH	M123A12BxB 563KS
68,000.0	C1808Z683K5XAH	M123A12BxB 683KS
82,000.0	C1808Z823K5XAH	M123A12BxB 823KS
100,000.0	C1808Z104K5XAH	M123A12BxB 104KS

To complete the KEMET part numbers, insert the following tolerance:

- (1) C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (2) C = $\pm 0.25\text{pF}$; J = $\pm 5\%$; K = $\pm 10\%$
- (3) F = $\pm 1\%$; J = $\pm 5\%$; K = $\pm 10\%$
- (4) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$
- (5) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (6) K = $\pm 10\%$; M = $\pm 20\%$

To complete the KEMET part numbers, insert the following voltage:

- (7) B = 50 volts; C = 100 volts

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
100 VOLT - BP - C1206 SIZE (MILITARY CKS55)		
1.0	C1206Z109(4)1GAH	M 123A21BPC1R0(4)S
1.1	C1206Z119(4)1GAH	M 123A21BPC1R1(4)S
1.2	C1206Z129(4)1GAH	M 123A21BPC1R2(4)S
1.3	C1206Z139(4)1GAH	M 123A21BPC1R3(4)S
1.5	C1206Z159(4)1GAH	M 123A21BPC1R5(4)S
1.6	C1206Z169(4)1GAH	M 123A21BPC1R6(4)S
1.8	C1206Z189(4)1GAH	M 123A21BPC1R8(4)S
2.0	C1206Z209(4)1GAH	M 123A21BPC2R0(4)S
2.2	C1206Z229(4)1GAH	M 123A21BPC2R2(4)S
2.4	C1206Z249(4)1GAH	M 123A21BPC2R4(4)S
2.7	C1206Z279(5)1GAH	M 123A21BPC2R7(5)S
3.0	C1206Z309(5)1GAH	M 123A21BPC3R0(5)S
3.3	C1206Z339(5)1GAH	M 123A21BPC3R3(5)S
3.6	C1206Z369(5)1GAH	M 123A21BPC3R6(5)S
3.9	C1206Z399(5)1GAH	M 123A21BPC3R9(5)S
4.3	C1206Z439(5)1GAH	M 123A21BPC4R3(5)S
4.7	C1206Z479(5)1GAH	M 123A21BPC4R7(5)S
5.1	C1206Z519(5)1GAH	M 123A21BPC5R1(5)S
5.6	C1206Z569(5)1GAH	M 123A21BPC5R6(5)S
6.2	C1206Z629(5)1GAH	M 123A21BPC6R2(5)S
6.8	C1206Z689(5)1GAH	M 123A21BPC6R8(5)S
7.5	C1206Z759(5)1GAH	M 123A21BPC7R5(5)S
8.2	C1206Z829(5)1GAH	M 123A21BPC8R2(5)S
9.1	C1206Z919(5)1GAH	M 123A21BPC9R1(5)S
10.0	C1206Z100(3)1GAH	M 123A21BPC100(3)S
11.0	C1206Z110(3)1GAH	M 123A21BPC110(3)S
12.0	C1206Z120(3)1GAH	M 123A21BPC120(3)S
13.0	C1206Z130(3)1GAH	M 123A21BPC130(3)S
15.0	C1206Z150(3)1GAH	M 123A21BPC150(3)S
16.0	C1206Z160(3)1GAH	M 123A21BPC160(3)S
18.0	C1206Z180(3)1GAH	M 123A21BPC180(3)S
20.0	C1206Z200(3)1GAH	M 123A21BPC200(3)S
24.0	C1206Z240(3)1GAH	M 123A21BPC240(3)S
27.0	C1206Z270(3)1GAH	M 123A21BPC270(3)S
33.0	C1206Z330(3)1GAH	M 123A21BPC330(3)S
36.0	C1206Z360(3)1GAH	M 123A21BPC360(3)S
39.0	C1206Z390(3)1GAH	M 123A21BPC390(3)S
43.0	C1206Z430(3)1GAH	M 123A21BPC430(3)S
47.0	C1206Z470(3)1GAH	M 123A21BPC470(3)S
51.0	C1206Z510(3)1GAH	M 123A21BPC510(3)S
56.0	C1206Z560(3)1GAH	M 123A21BPC560(3)S
62.0	C1206Z620(3)1GAH	M 123A21BPC620(3)S
68.0	C1206Z680(3)1GAH	M 123A21BPC680(3)S
75.0	C1206Z750(3)1GAH	M 123A21BPC750(3)S
82.0	C1206Z820(3)1GAH	M 123A21BPC820(3)S
91.0	C1206Z910(3)1GAH	M 123A21BPC910(3)S
100.0	C1206Z101(3)1GAH	M 123A21BPC101(3)S
110.0	C1206Z111(3)1GAH	M 123A21BPC111(3)S
120.0	C1206Z121(3)1GAH	M 123A21BPC121(3)S
130.0	C1206Z131(3)1GAH	M 123A21BPC131(3)S
150.0	C1206Z151(3)1GAH	M 123A21BPC151(3)S
160.0	C1206Z161(3)1GAH	M 123A21BPC161(3)S
180.0	C1206Z181(3)1GAH	M 123A21BPC181(3)S
200.0	C1206Z201(3)1GAH	M 123A21BPC201(3)S
220.0	C1206Z221(3)1GAH	M 123A21BPC221(3)S
240.0	C1206Z241(3)1GAH	M 123A21BPC241(3)S
270.0	C1206Z271(3)1GAH	M 123A21BPC271(3)S
300.0	C1206Z301(3)1GAH	M 123A21BPC301(3)S
330.0	C1206Z331(3)1GAH	M 123A21BPC331(3)S
360.0	C1206Z361(3)1GAH	M 123A21BPC361(3)S
390.0	C1206Z391(3)1GAH	M 123A21BPC391(3)S
430.0	C1206Z431(3)1GAH	M 123A21BPC431(3)S
470.0	C1206Z471(3)1GAH	M 123A21BPC471(3)S
510.0	C1206Z511(3)1GAH	M 123A21BPC511(3)S

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
100 VOLT - BP - C1206 SIZE (MILITARY CKS55)		
560.0	C1206Z561(3)1GAH	M123A21BPC561(3)S
620.0	C1206Z621(3)1GAH	M123A21BPC621(3)S
680.0	C1206Z681(3)1GAH	M123A21BPC681(3)S
750.0	C1206Z751(3)1GAH	M123A21BPC751(3)S
820.0	C1206Z821(3)1GAH	M123A21BPC821(3)S
910.0	C1206Z911(3)1GAH	M123A21BPC911(3)S
1000.0	C1206Z102(3)1GAH	M123A21BPC102(3)S
50 VOLT-BP-C1206 SIZE (MILITARY CKS55)		
1,100.0	C1206Z112(3)5GAH	M123A21BPB112(3)S
1,200.0	C1206Z122(3)5GAH	M123A21BPB122(3)S
1,300.0	C1206Z132(3)5GAH	M123A21BPB132(3)S
1,500.0	C1206Z152(3)5GAH	M123A21BPB152(3)S
1,600.0	C1206Z162(3)5GAH	M123A21BPB162(3)S
1,800.0	C1206Z182(3)5GAH	M123A21BPB182(3)S
2,000.0	C1206Z202(3)5GAH	M123A21BPB202(3)S
2,200.0	C1206Z222(3)5GAH	M123A21BPB222(3)S
100 VOLT-BX-C1206 SIZE (MILITARY CKS55)		
4,700.0	C1206Z472(6)1XAH	M123A21BXC472(6)S
5,600.0	C1206Z562(6)1XAH	M123A21BXC562(6)S
6,800.0	C1206Z682(6)1XAH	M123A21BXC682(6)S
8,200.0	C1206Z822(6)1XAH	M123A21BXC822(6)S
10,000.0	C1206Z103(6)1XAH	M123A21BXC103(6)S
12,000.0	C1206Z123(6)1XAH	M123A21BXC123(6)S
15,000.0	C1206Z153(6)1XAH	M123A21BXC153(6)S
50 VOLT-BX-C1206 SIZE (MILITARY CKS55)		
18,000.0	C1206Z183(6)5XAH	M123A21BXC183(6)S
22,000.0	C1206Z223(6)5XAH	M123A21BXC223(6)S
27,000.0	C1206Z273(6)5XAH	M123A21BXC273(6)S
33,000.0	C1206Z333(6)5XAH	M123A21BXC333(6)S
39,000.0	C1206Z393(6)5XAH	M123A21BXC393(6)S
100 VOLT-BP-C1812 SIZE (MILITARY CKS56)		
1,200.0	C1812Z122(3)1GAH	M123A22BPC122(3)S
2,200.0	C1812Z222(3)1GAH	M123A22BPC222(3)S
2,400.0	C1812Z242(3)1GAH	M123A22BPC242(3)S
2,700.0	C1812Z272(3)1GAH	M123A22BPC272(3)S
3,000.0	C1812Z302(3)1GAH	M123A22BPC302(3)S
3,300.0	C1812Z332(3)1GAH	M123A22BPC332(3)S
3,600.0	C1812Z362(3)1GAH	M123A22BPC362(3)S
3,900.0	C1812Z392(3)1GAH	M123A22BPC392(3)S
4,300.0	C1812Z432(3)1GAH	M123A22BPC432(3)S
4,700.0	C1812Z472(3)1GAH	M123A22BPC472(3)S
50 VOLT-BP-C1812 SIZE (MILITARY CKS56)		
5,100.0	C1812Z512(3)5GAH	M123A22BPB512(3)S
5,600.0	C1812Z562(3)5GAH	M123A22BPB562(3)S
6,200.0	C1812Z622(3)5GAH	M123A22BPB622(3)S
6,800.0	C1812Z682(3)5GAH	M123A22BPB682(3)S
7,500.0	C1812Z752(3)5GAH	M123A22BPB752(3)S
8,200.0	C1812Z822(3)5GAH	M123A22BPB822(3)S
9,100.0	C1812Z912(3)5GAH	M123A22BPB912(3)S
10,000.0	C1812Z103(3)5GAH	M123A22BPB103(3)S
100 VOLT-BX-C1812 SIZE (MILITARY CKS56)		
27,000.0	C1812Z273(6)1XAH	M123A22BXC273(6)S
33,000.0	C1812Z333(6)1XAH	M123A22BXC333(6)S
39,000.0	C1812Z393(6)1XAH	M123A22BXC393(6)S
47,000.0	C1812Z473(6)1XAH	M123A22BXC473(6)S
56,000.0	C1812Z563(6)1XAH	M123A22BXC563(6)S
50 VOLT-BX-C1812 SIZE (MILITARY CKS56)		
100,000.0	C1812Z104(6)5XAH	M123A22BXC104(6)S
120,000.0	C1812Z124(6)5XAH	M123A22BXC124(6)S
150,000.0	C1812Z154(6)5XAH	M123A22BXC154(6)S
180,000.0	C1812Z184(6)5XAH	M123A22BXC184(6)S

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
100 VOLT-BP-C1825 SIZE (MILITARY CKS57)		
3,900.0	C1825Z392(3)1GAH	M123A23BPC392(3)S
4,700.0	C1825Z472(3)1GAH	M123A23BPC472(3)S
5,100.0	C1825Z512(3)1GAH	M123A23BPC512(3)S
5,600.0	C1825Z562(3)1GAH	M123A23BPC562(3)S
6,200.0	C1825Z622(3)1GAH	M123A23BPC622(3)S
6,800.0	C1825Z682(3)1GAH	M123A23BPC682(3)S
7,500.0	C1825Z752(3)1GAH	M123A23BPC752(3)S
8,200.0	C1825Z822(3)1GAH	M123A23BPC822(3)S
9,100.0	C1825Z912(3)1GAH	M123A23BPC912(3)S
10,000.0	C1825Z103(3)1GAH	M123A23BPC103(3)S
50 VOLT-BP-C1812 SIZE (MILITARY CKS57)		
11,000.0	C1825Z113(3)5GAH	M123A23BPB113(3)S
12,000.0	C1825Z123(3)5GAH	M123A23BPB123(3)S
13,000.0	C1825Z133(3)5GAH	M123A23BPB133(3)S
15,000.0	C1825Z153(3)5GAH	M123A23BPB153(3)S
16,000.0	C1825Z163(3)5GAH	M123A23BPB163(3)S
18,000.0	C1825Z183(3)5GAH	M123A23BPB183(3)S
20,000.0	C1825Z203(3)5GAH	M123A23BPB203(3)S
22,000.0	C1825Z223(3)5GAH	M123A23BPB223(3)S
100 VOLT-BX-C1825 SIZE (MILITARY CKS57)		
56,000.0	C1825Z563(6)1XAH	M123A23BXC563(6)S
68,000.0	C1825Z683(6)1XAH	M123A23BXC683(6)S
82,000.0	C1825Z823(6)1XAH	M123A23BXC823(6)S
100,000.0	C1825Z104(6)1XAH	M123A23BXC104(6)S
120,000.0	C1825Z124(6)1XAH	M123A23BXC124(6)S
150,000.0	C1825Z154(6)1XAH	M123A23BXC154(6)S
50 VOLT-BX-C1825 SIZE (MILITARY CKS57)		
180,000.0	C1825Z184(6)5XAH	M123A23BXC184(6)S
220,000.0	C1825Z224(6)5XAH	M123A23BXC224(6)S
270,000.0	C1825Z274(6)5XAH	M123A23BXC274(6)S
330,000.0	C1825Z334(6)5XAH	M123A23BXC334(6)S
390,000.0	C1825Z394(6)5XAH	M123A23BXC394(6)S
470,000.0	C1825Z474(6)5XAH	M123A23BXC474(6)S

To complete the KEMET part numbers, insert the following tolerance:

- (1) C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (2) C = $\pm 0.25\text{pF}$; J = $\pm 5\%$; K = $\pm 10\%$
- (3) F = $\pm 1\%$; J = $\pm 5\%$; K = $\pm 10\%$
- (4) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$
- (5) B = $\pm 0.1\text{pF}$; C = $\pm 0.25\text{pF}$; D = $\pm 0.50\text{pF}$
- (6) K = $\pm 10\%$; M = $\pm 20\%$

To complete the KEMET part numbers, insert the following voltage:

- (7) B = 50 volts; C = 100 volts