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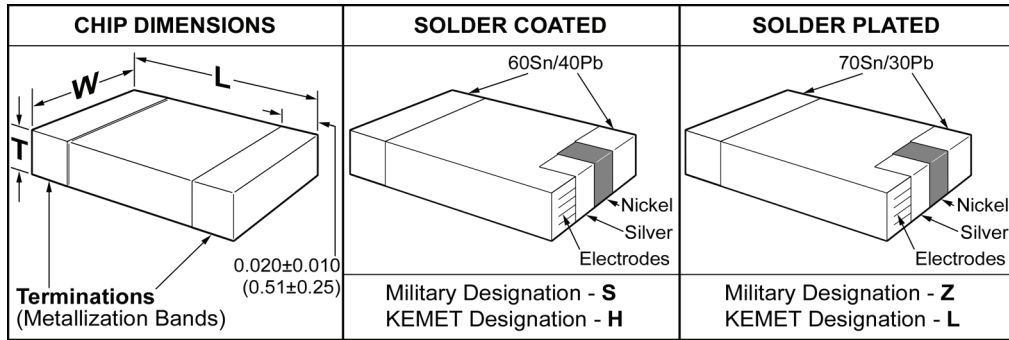
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### CAPACITOR OUTLINE DRAWINGS



**NOTE:** For solder coated termination, 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 Maximum
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	0.220 ± 0.015	0.250 ± 0.015	0.070
1206	CKS55	0.120 ± 0.015	0.060 ± 0.015	0.065
1812	CKS56	0.180 ± 0.015	0.125 ± 0.015	0.080
1825	CKS57	0.180 ± 0.015	0.250 ± 0.015	0.080

### 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 L**

**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 — ±0.25pF      J — ±5%  
D — ±0.5 pF      K — ±10%  
F — ±1%

**Working Voltage**  
5 — 50; 1 — 100

**Termination**  
H = Nickel Guarded, Solder-Coated (Sn60)  
L = 70/30 Tin/Lead Plated

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

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	±15%	+15% -25%

**M123 A 10 BX B 472 K Z**

**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**  
Z = 70/30 Tin Lead Plated  
S = Nickel guarded Solder-coated (Sn60)

**Tolerance**  
C = ±0.25pF; D = ±0.5pF;  
F = ±1%; J = ±5%; K = ± 10%

**Capacitance Picofarad Code**

**Voltage**  
B = 50; C = 100

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

## RATINGS AND PART NUMBER REFERENCE

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>50/100 VOLT-BP-C0805 SIZE (MILITARY CKS51)</b>		
1.0	C0805Z109(1)(8)GA(9)	M123A10BP(7)1R0(1)(10)
1.1	C0805Z119(1)(8)GA(9)	M123A10BP(7)1R1(1)(10)
1.2	C0805Z129(1)(8)GA(9)	M123A10BP(7)1R2(1)(10)
1.3	C0805Z139(1)(8)GA(9)	M123A10BP(7)1R3(1)(10)
1.5	C0805Z159(1)(8)GA(9)	M123A10BP(7)1R5(1)(10)
1.6	C0805Z169(1)(8)GA(9)	M123A10BP(7)1R6(1)(10)
1.8	C0805Z189(1)(8)GA(9)	M123A10BP(7)1R8(1)(10)
2.0	C0805Z209(1)(8)GA(9)	M123A10BP(7)2R1(1)(10)
2.2	C0805Z229(1)(8)GA(9)	M123A10BP(7)2R2(1)(10)
2.4	C0805Z249(1)(8)GA(9)	M123A10BP(7)2R4(1)(10)
2.7	C0805Z279(1)(8)GA(9)	M123A10BP(7)2R7(1)(10)
3.0	C0805Z309(1)(8)GA(9)	M123A10BP(7)3R0(1)(10)
3.3	C0805Z339(1)(8)GA(9)	M123A10BP(7)3R3(1)(10)
3.6	C0805Z369(1)(8)GA(9)	M123A10BP(7)3R6(1)(10)
3.9	C0805Z399(1)(8)GA(9)	M123A10BP(7)3R9(1)(10)
4.3	C0805Z439(1)(8)GA(9)	M123A10BP(7)4R3(1)(10)
4.7	C0805Z479(1)(8)GA(9)	M123A10BP(7)4R7(1)(10)
5.1	C0805Z519(1)(8)GA(9)	M123A10BP(7)5R1(1)(10)
5.6	C0805Z569(1)(8)GA(9)	M123A10BP(7)5R6(1)(10)
6.2	C0805Z629(1)(8)GA(9)	M123A10BP(7)6R2(1)(10)
6.8	C0805Z689(1)(8)GA(9)	M123A10BP(7)6R8(1)(10)
7.5	C0805Z759(1)(8)GA(9)	M123A10BP(7)7R5(1)(10)
8.2	C0805Z829(1)(8)GA(9)	M123A10BP(7)8R2(1)(10)
9.1	C0805Z919(1)(8)GA(9)	M123A10BP(7)9R1(1)(10)
10.0	C0805Z100(2)(8)GA(9)	M123A10BP(7)100(2)(10)
11.0	C0805Z110(2)(8)GA(9)	M123A10BP(7)110(2)(10)
12.0	C0805Z120(2)(8)GA(9)	M123A10BP(7)120(2)(10)
13.0	C0805Z130(2)(8)GA(9)	M123A10BP(7)130(2)(10)
15.0	C0805Z150(2)(8)GA(9)	M123A10BP(7)150(2)(10)
16.0	C0805Z160(2)(8)GA(9)	M123A10BP(7)160(2)(10)
18.0	C0805Z180(2)(8)GA(9)	M123A10BP(7)180(2)(10)
20.0	C0805Z200(2)(8)GA(9)	M123A10BP(7)200(2)(10)
22.0	C0805Z220(2)(8)GA(9)	M123A10BP(7)220(2)(10)
24.0	C0805Z240(2)(8)GA(9)	M123A10BP(7)240(2)(10)
27.0	C0805Z270(3)(8)GA(9)	M123A10BP(7)270(3)(10)
30.0	C0805Z300(3)(8)GA(9)	M123A10BP(7)300(3)(10)
33.0	C0805Z330(3)(8)GA(9)	M123A10BP(7)330(3)(10)
36.0	C0805Z360(3)(8)GA(9)	M123A10BP(7)360(3)(10)
39.0	C0805Z390(3)(8)GA(9)	M123A10BP(7)390(3)(10)
43.0	C0805Z430(3)(8)GA(9)	M123A10BP(7)430(3)(10)
47.0	C0805Z470(3)(8)GA(9)	M123A10BP(7)470(3)(10)
51.0	C0805Z510(3)(8)GA(9)	M123A10BP(7)510(3)(10)
56.0	C0805Z560(3)(8)GA(9)	M123A10BP(7)560(3)(10)
62.0	C0805Z620(3)(8)GA(9)	M123A10BP(7)620(3)(10)
68.0	C0805Z680(3)(8)GA(9)	M123A10BP(7)680(3)(10)
75.0	C0805Z750(3)(8)GA(9)	M123A10BP(7)750(3)(10)
82.0	C0805Z820(3)(8)GA(9)	M123A10BP(7)820(3)(10)
91.0	C0805Z910(3)(8)GA(9)	M123A10BP(7)910(3)(10)
100.0	C0805Z101(3)(8)GA(9)	M123A10BP(7)101(3)(10)
110.0	C0805Z111(3)(8)GA(9)	M123A10BP(7)111(3)(10)
120.0	C0805Z121(3)(8)GA(9)	M123A10BP(7)121(3)(10)
130.0	C0805Z131(3)(8)GA(9)	M123A10BP(7)131(3)(10)
150.0	C0805Z151(3)(8)GA(9)	M123A10BP(7)151(3)(10)
160.0	C0805Z161(3)(8)GA(9)	M123A10BP(7)161(3)(10)
180.0	C0805Z181(3)(8)GA(9)	M123A10BP(7)181(3)(10)
200.0	C0805Z201(3)(8)GA(9)	M123A10BP(7)201(3)(10)
220.0	C0805Z221(3)(8)GA(9)	M123A10BP(7)221(3)(10)
240.0	C0805Z241(3)(8)GA(9)	M123A10BP(7)241(3)(10)
270.0	C0805Z271(3)(8)GA(9)	M123A10BP(7)271(3)(10)
300.0	C0805Z301(3)(8)GA(9)	M123A10BP(7)301(3)(10)
330.0	C0805Z331(3)(8)GA(9)	M123A10BP(7)331(3)(10)
360.0	C0805Z361(3)(8)GA(9)	M123A10BP(7)361(3)(10)
390.0	C0805Z391(3)(8)GA(9)	M123A10BP(7)391(3)(10)
430.0	C0805Z431(3)(8)GA(9)	M123A10BP(7)431(3)(10)
470.0	C0805Z471(3)(8)GA(9)	M123A10BP(7)471(3)(10)

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>50 VOLT-BP-C0805 SIZE (MILITARY CKS51)</b>		
510.0	C0805Z511(3)5GA(9)	M123A10BPB511(3)(10)
560.0	C0805Z561(3)5GA(9)	M123A10BPB561(3)(10)
620.0	C0805Z621(3)5GA(9)	M123A10BPB621(3)(10)
680.0	C0805Z681(3)5GA(9)	M123A10BPB681(3)(10)
<b>50/100 VOLT-BX-C0805 SIZE (MILITARY CKS51)</b>		
330.0	C0805Z331K(8)XA(9)	M123A10BX(7)331K(10)
390.0	C0805Z391K(8)XA(9)	M123A10BX(7)391K(10)
470.0	C0805Z471K(8)XA(9)	M123A10BX(7)471K(10)
560.0	C0805Z561K(8)XA(9)	M123A10BX(7)561K(10)
680.0	C0805Z681K(8)XA(9)	M123A10BX(7)681K(10)
820.0	C0805Z821K(8)XA(9)	M123A10BX(7)821K(10)
1,000.0	C0805Z102K(8)XA(9)	M123A10BX(7)102K(10)
1,200.0	C0805Z122K(8)XA(9)	M123A10BX(7)122K(10)
1,500.0	C0805Z152K(8)XA(9)	M123A10BX(7)152K(10)
1,800.0	C0805Z182K(8)XA(9)	M123A10BX(7)182K(10)
2,200.0	C0805Z222K(8)XA(9)	M123A10BX(7)222K(10)
2,700.0	C0805Z272K(8)XA(9)	M123A10BX(7)272K(10)
3,300.0	C0805Z332K(8)XA(9)	M123A10BX(7)332K(10)
3,900.0	C0805Z392K(8)XA(9)	M123A10BX(7)392K(10)
4,700.0	C0805Z472K(8)XA(9)	M123A10BX(7)472K(10)
<b>50 VOLT-BX-C0805 SIZE (MILITARY CKS51)</b>		
5,600.0	C0805Z562K5XA(9)	M123A10BXB562K(10)
6,800.0	C0805Z682K5XA(9)	M123A10BXB682K(10)
8,200.0	C0805Z822K5XA(9)	M123A10BXB822K(10)
10,000.0	C0805Z103K5XA(9)	M123A10BXB103K(10)
12,000.0	C0805Z123K5XA(9)	M123A10BXB123K(10)
15,000.0	C0805Z153K5XA(9)	M123A10BXB153K(10)
18,000.0	C0805Z183K5XA(9)	M123A10BXB183K(10)
<b>50/100 VOLT-BP-C1210 SIZE (MILITARY CKS52)</b>		
300.0	C1210Z301(3)(8)GA(9)	M123A11BP(7)301(3)(10)
330.0	C1210Z331(3)(8)GA(9)	M123A11BP(7)331(3)(10)
360.0	C1210Z361(3)(8)GA(9)	M123A11BP(7)361(3)(10)
390.0	C1210Z391(3)(8)GA(9)	M123A11BP(7)391(3)(10)
430.0	C1210Z431(3)(8)GA(9)	M123A11BP(7)431(3)(10)
470.0	C1210Z471(3)(8)GA(9)	M123A11BP(7)471(3)(10)
510.0	C1210Z511(3)(8)GA(9)	M123A11BP(7)511(3)(10)
560.0	C1210Z561(3)(8)GA(9)	M123A11BP(7)561(3)(10)
620.0	C1210Z621(3)(8)GA(9)	M123A11BP(7)621(3)(10)
680.0	C1210Z681(3)(8)GA(9)	M123A11BP(7)681(3)(10)
750.0	C1210Z751(3)(8)GA(9)	M123A11BP(7)751(3)(10)
820.0	C1210Z821(3)(8)GA(9)	M123A11BP(7)821(3)(10)
910.0	C1210Z911(3)(8)GA(9)	M123A11BP(7)911(3)(10)
1,000.0	C1210Z102(3)(8)GA(9)	M123A11BP(7)102(3)(10)
1,100.0	C1210Z112(3)(8)GA(9)	M123A11BP(7)112(3)(10)
1,200.0	C1210Z122(3)(8)GA(9)	M123A11BP(7)122(3)(10)
1,300.0	C1210Z132(3)(8)GA(9)	M123A11BP(7)132(3)(10)
1,500.0	C1210Z152(3)(8)GA(9)	M123A11BP(7)152(3)(10)
1,600.0	C1210Z162(3)(8)GA(9)	M123A11BP(7)162(3)(10)
1,800.0	C1210Z182(3)(8)GA(9)	M123A11BP(7)182(3)(10)
2,000.0	C1210Z202(3)(8)GA(9)	M123A11BP(7)202(3)(10)
2,200.0	C1210Z222(3)(8)GA(9)	M123A11BP(7)222(3)(10)
<b>50 VOLT-BP-C1210 SIZE (MILITARY CKS52)</b>		
2,400.0	C1210Z242(3)5GA(9)	M123A11BPB242(3)(10)
2,700.0	C1210Z272(3)5GA(9)	M123A11BPB272(3)(10)
3,000.0	C1210Z302(3)5GA(9)	M123A11BPB302(3)(10)
3,300.0	C1210Z332(3)5GA(9)	M123A11BPB332(3)(10)
<b>50/100 VOLT-BX-C1210 SIZE (MILITARY CKS52)</b>		
5,600.0	C1210Z562(6)8XA(9)	M123A11BX(7)562(6)(10)
6,800.0	C1210Z682(6)8XA(9)	M123A11BX(7)682(6)(10)
8,200.0	C1210Z822(6)8XA(9)	M123A11BX(7)822(6)(10)
10,000.0	C1210Z103(6)8XA(9)	M123A11BX(7)103(6)(10)
12,000.0	C1210Z123(6)8XA(9)	M123A11BX(7)123(6)(10)
15,000.0	C1210Z153(6)8XA(9)	M123A11BX(7)153(6)(10)
18,000.0	C1210Z183(6)8XA(9)	M123A11BX(7)183(6)(10)
22,000.0	C1210Z223(6)8XA(9)	M123A11BX(7)223(6)(10)
27,000.0	C1210Z273(6)8XA(9)	M123A11BX(7)273(6)(10)
<b>50 VOLT-BX-C1210 SIZE (MILITARY CKS52)</b>		
33,000.0	C1210Z333(6)5XA(9)	M123A11BXB333(6)(10)
39,000.0	C1210Z393(6)5XA(9)	M123A11BXB393(6)(10)
47,000.0	C1210Z473(6)5XA(9)	M123A11BXB473(6)(10)
56,000.0	C1210Z563(6)5XA(9)	M123A11BXB563(6)(10)
68,000.0	C1210Z683(6)5XA(9)	M123A11BXB683(6)(10)
82,000.0	C1210Z823(6)5XA(9)	M123A11BXB823(6)(10)
100,000.0	C1210Z104(6)5XA(9)	M123A11BXB104(6)(10)

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>50/100 VOLT-BP-C1808 SIZE (MILITARY CKS53)</b>		
300.0	C1808Z301(3)(8)GA(9)	M123A12BP(7)301(3)(10)
330.0	C1808Z331(3)(8)GA(9)	M123A12BP(7)331(3)(10)
360.0	C1808Z361(3)(8)GA(9)	M123A12BP(7)361(3)(10)
390.0	C1808Z391(3)(8)GA(9)	M123A12BP(7)391(3)(10)
430.0	C1808Z431(3)(8)GA(9)	M123A12BP(7)431(3)(10)
470.0	C1808Z471(3)(8)GA(9)	M123A12BP(7)471(3)(10)
510.0	C1808Z511(3)(8)GA(9)	M123A12BP(7)511(3)(10)
560.0	C1808Z561(3)(8)GA(9)	M123A12BP(7)561(3)(10)
620.0	C1808Z621(3)(8)GA(9)	M123A12BP(7)621(3)(10)
680.0	C1808Z681(3)(8)GA(9)	M123A12BP(7)681(3)(10)
750.0	C1808Z751(3)(8)GA(9)	M123A12BP(7)751(3)(10)
820.0	C1808Z821(3)(8)GA(9)	M123A12BP(7)821(3)(10)
910.0	C1808Z911(3)(8)GA(9)	M123A12BP(7)911(3)(10)
1,000.0	C1808Z102(3)(8)GA(9)	M123A12BP(7)102(3)(10)
<b>50/100 VOLT-BX-C1808 SIZE (MILITARY CKS53)</b>		
5,600.0	C1808Z562K(8)XA(9)	M123A12BX(7)562K(10)
6,800.0	C1808Z682K(8)XA(9)	M123A12BX(7)682K(10)
8,200.0	C1808Z822K(8)XA(9)	M123A12BX(7)822K(10)
10,000.0	C1808Z103K(8)XA(9)	M123A12BX(7)103K(10)
12,000.0	C1808Z123K(8)XA(9)	M123A12BX(7)123K(10)
15,000.0	C1808Z153K(8)XA(9)	M123A12BX(7)153K(10)
18,000.0	C1808Z183K(8)XA(9)	M123A12BX(7)183K(10)
22,000.0	C1808Z223K(8)XA(9)	M123A12BX(7)223K(10)
27,000.0	C1808Z273K(8)XA(9)	M123A12BX(7)273K(10)
33,000.0	C1808Z333K(8)XA(9)	M123A12BX(7)333K(10)
<b>50 VOLT-BX-C1808 SIZE (MILITARY CKS53)</b>		
39,000.0	C1808Z393K5XA(9)	M123A12BXB393K(10)
47,000.0	C1808Z473K5XA(9)	M123A12BXB473K(10)
56,000.0	C1808Z563K5XA(9)	M123A12BXB563K(10)
68,000.0	C1808Z683K5XA(9)	M123A12BXB683K(10)
82,000.0	C1808Z823K5XA(9)	M123A12BXB823K(10)
100,000.0	C1808Z104K5XA(9)	M123A12BXB104K(10)
<b>50 VOLT-BP-C2225 SIZE (MILITARY CKS54)</b>		
1,100.0	C2225Z112(3)5GA(9)	M123A13BPB112(3)(10)
1,200.0	C2225Z122(3)5GA(9)	M123A13BPB122(3)(10)
1,300.0	C2225Z132(3)5GA(9)	M123A13BPB132(3)(10)
1,500.0	C2225Z152(3)5GA(9)	M123A13BPB152(3)(10)
1,600.0	C2225Z162(3)5GA(9)	M123A13BPB162(3)(10)
1,800.0	C2225Z182(3)5GA(9)	M123A13BPB182(3)(10)
2,000.0	C2225Z202(3)5GA(9)	M123A13BPB202(3)(10)
2,200.0	C2225Z222(3)5GA(9)	M123A13BPB222(3)(10)
2,400.0	C2225Z242(3)5GA(9)	M123A13BPB242(3)(10)
2,700.0	C2225Z272(3)5GA(9)	M123A13BPB272(3)(10)
3,000.0	C2225Z302(3)5GA(9)	M123A13BPB302(3)(10)
3,300.0	C2225Z332(3)5GA(9)	M123A13BPB332(3)(10)
3,600.0	C2225Z362(3)5GA(9)	M123A13BPB362(3)(10)
3,900.0	C2225Z392(3)5GA(9)	M123A13BPB392(3)(10)
4,300.0	C2225Z432(3)5GA(9)	M123A13BPB432(3)(10)
4,700.0	C2225Z472(3)5GA(9)	M123A13BPB472(3)(10)
5,100.0	C2225Z512(3)5GA(9)	M123A13BPB512(3)(10)
5,600.0	C2225Z562(3)5GA(9)	M123A13BPB562(3)(10)
6,200.0	C2225Z622(3)5GA(9)	M123A13BPB622(3)(10)
6,800.0	C2225Z682(3)5GA(9)	M123A13BPB682(3)(10)
7,500.0	C2225Z752(3)5GA(9)	M123A13BPB752(3)(10)
8,200.0	C2225Z822(3)5GA(9)	M123A13BPB822(3)(10)
9,100.0	C2225Z912(3)5GA(9)	M123A13BPB912(3)(10)
10,000.0	C2225Z103(3)5GA(9)	M123A13BPB103(3)(10)
<b>50 VOLT-BX-C2225 SIZE (MILITARY CKS54)</b>		
120,000.0	C2225Z124K5XA(9)	M123A13BXB124K(10)
150,000.0	C2225Z154K5XA(9)	M123A13BXB154K(10)
180,000.0	C2225Z184K5XA(9)	M123A13BXB184K(10)
220,000.0	C2225Z224K5XA(9)	M123A13BXB224K(10)
270,000.0	C2225Z274K5XA(9)	M123A13BXB274K(10)
330,000.0	C2225Z334K5XA(9)	M123A13BXB334K(10)
390,000.0	C2225Z394K5XA(9)	M123A13BXB394K(10)
470,000.0	C2225Z474K5XA(9)	M123A13BXB474K(10)
560,000.0	C2225Z564K5XA(9	

RATINGS AND PART NUMBER REFERENCE

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>100 VOLT - BP - C1206 SIZE (MILITARY CKS55)</b>		
1.0	C1206Z109(4)1GA(9)	M123A21BPC1R0(4)(10)
1.1	C1206Z119(4)1GA(9)	M123A21BPC1R1(4)(10)
1.2	C1206Z129(4)1GA(9)	M123A21BPC1R2(4)(10)
1.3	C1206Z139(4)1GA(9)	M123A21BPC1R3(4)(10)
1.5	C1206Z159(4)1GA(9)	M123A21BPC1R5(4)(10)
1.6	C1206Z169(4)1GA(9)	M123A21BPC1R6(4)(10)
1.8	C1206Z189(4)1GA(9)	M123A21BPC1R8(4)(10)
2.0	C1206Z209(4)1GA(9)	M123A21BPC2R0(4)(10)
2.2	C1206Z229(4)1GA(9)	M123A21BPC2R2(4)(10)
2.4	C1206Z249(4)1GA(9)	M123A21BPC2R4(4)(10)
2.7	C1206Z279(5)1GA(9)	M123A21BPC2R7(5)(10)
3.0	C1206Z309(5)1GA(9)	M123A21BPC3R0(5)(10)
3.3	C1206Z339(5)1GA(9)	M123A21BPC3R3(5)(10)
3.6	C1206Z369(5)1GA(9)	M123A21BPC3R6(5)(10)
3.9	C1206Z399(5)1GA(9)	M123A21BPC3R9(5)(10)
4.3	C1206Z439(5)1GA(9)	M123A21BPC4R3(5)(10)
4.7	C1206Z479(5)1GA(9)	M123A21BPC4R7(5)(10)
5.1	C1206Z519(5)1GA(9)	M123A21BPC5R1(5)(10)
5.6	C1206Z569(5)1GA(9)	M123A21BPC5R6(5)(10)
6.2	C1206Z629(5)1GA(9)	M123A21BPC6R2(5)(10)
6.8	C1206Z689(5)1GA(9)	M123A21BPC6R8(5)(10)
7.5	C1206Z759(5)1GA(9)	M123A21BPC7R5(5)(10)
8.2	C1206Z829(5)1GA(9)	M123A21BPC8R2(5)(10)
9.1	C1206Z919(5)1GA(9)	M123A21BPC9R1(5)(10)
10.0	C1206Z100(3)1GA(9)	M123A21BPC100(3)(10)
11.0	C1206Z110(3)1GA(9)	M123A21BPC110(3)(10)
12.0	C1206Z120(3)1GA(9)	M123A21BPC120(3)(10)
13.0	C1206Z130(3)1GA(9)	M123A21BPC130(3)(10)
15.0	C1206Z150(3)1GA(9)	M123A21BPC150(3)(10)
16.0	C1206Z160(3)1GA(9)	M123A21BPC160(3)(10)
18.0	C1206Z180(3)1GA(9)	M123A21BPC180(3)(10)
20.0	C1206Z200(3)1GA(9)	M123A21BPC200(3)(10)
24.0	C1206Z240(3)1GA(9)	M123A21BPC240(3)(10)
27.0	C1206Z270(3)1GA(9)	M123A21BPC270(3)(10)
33.0	C1206Z330(3)1GA(9)	M123A21BPC330(3)(10)
36.0	C1206Z360(3)1GA(9)	M123A21BPC360(3)(10)
39.0	C1206Z390(3)1GA(9)	M123A21BPC390(3)(10)
43.0	C1206Z430(3)1GA(9)	M123A21BPC430(3)(10)
47.0	C1206Z470(3)1GA(9)	M123A21BPC470(3)(10)
51.0	C1206Z510(3)1GA(9)	M123A21BPC510(3)(10)
56.0	C1206Z560(3)1GA(9)	M123A21BPC560(3)(10)
62.0	C1206Z620(3)1GA(9)	M123A21BPC620(3)(10)
68.0	C1206Z680(3)1GA(9)	M123A21BPC680(3)(10)
75.0	C1206Z750(3)1GA(9)	M123A21BPC750(3)(10)
82.0	C1206Z820(3)1GA(9)	M123A21BPC820(3)(10)
91.0	C1206Z910(3)1GA(9)	M123A21BPC910(3)(10)
100.0	C1206Z101(3)1GA(9)	M123A21BPC101(3)(10)
110.0	C1206Z111(3)1GA(9)	M123A21BPC111(3)(10)
120.0	C1206Z121(3)1GA(9)	M123A21BPC121(3)(10)
130.0	C1206Z131(3)1GA(9)	M123A21BPC131(3)(10)
150.0	C1206Z151(3)1GA(9)	M123A21BPC151(3)(10)
160.0	C1206Z161(3)1GA(9)	M123A21BPC161(3)(10)
180.0	C1206Z181(3)1GA(9)	M123A21BPC181(3)(10)
200.0	C1206Z201(3)1GA(9)	M123A21BPC201(3)(10)
220.0	C1206Z221(3)1GA(9)	M123A21BPC221(3)(10)
240.0	C1206Z241(3)1GA(9)	M123A21BPC241(3)(10)
270.0	C1206Z271(3)1GA(9)	M123A21BPC271(3)(10)
300.0	C1206Z301(3)1GA(9)	M123A21BPC301(3)(10)
330.0	C1206Z331(3)1GA(9)	M123A21BPC331(3)(10)
360.0	C1206Z361(3)1GA(9)	M123A21BPC361(3)(10)
390.0	C1206Z391(3)1GA(9)	M123A21BPC391(3)(10)
430.0	C1206Z431(3)1GA(9)	M123A21BPC431(3)(10)
470.0	C1206Z471(3)1GA(9)	M123A21BPC471(3)(10)
510.0	C1206Z511(3)1GA(9)	M123A21BPC511(3)(10)
560.0	C1206Z561(3)1GA(9)	M123A21BPC561(3)(10)
620.0	C1206Z621(3)1GA(9)	M123A21BPC621(3)(10)
680.0	C1206Z681(3)1GA(9)	M123A21BPC681(3)(10)
750.0	C1206Z751(3)1GA(9)	M123A21BPC751(3)(10)
820.0	C1206Z821(3)1GA(9)	M123A21BPC821(3)(10)
910.0	C1206Z911(3)1GA(9)	M123A21BPC911(3)(10)
1000.0	C1206Z102(3)1GA(9)	M123A21BPC102(3)(10)

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>50 VOLT-BP-C1206 SIZE (MILITARY CKS55)</b>		
1,100.0	C1206Z112(3)5GA(9)	M123A21BPC112(3)(10)
1,200.0	C1206Z122(3)5GA(9)	M123A21BPC122(3)(10)
1,300.0	C1206Z132(3)5GA(9)	M123A21BPC132(3)(10)
1,500.0	C1206Z152(3)5GA(9)	M123A21BPC152(3)(10)
1,600.0	C1206Z162(3)5GA(9)	M123A21BPC162(3)(10)
1,800.0	C1206Z182(3)5GA(9)	M123A21BPC182(3)(10)
2,000.0	C1206Z202(3)5GA(9)	M123A21BPC202(3)(10)
2,200.0	C1206Z222(3)5GA(9)	M123A21BPC222(3)(10)
<b>100 VOLT-BX-C1206 SIZE (MILITARY CKS55)</b>		
4,700.0	C1206Z472(6)1XA(9)	M123A21BXC472(6)(10)
5,600.0	C1206Z562(6)1XA(9)	M123A21BXC562(6)(10)
6,800.0	C1206Z682(6)1XA(9)	M123A21BXC682(6)(10)
8,200.0	C1206Z822(6)1XA(9)	M123A21BXC822(6)(10)
10,000.0	C1206Z103(6)1XA(9)	M123A21BXC103(6)(10)
12,000.0	C1206Z123(6)1XA(9)	M123A21BXC123(6)(10)
15,000.0	C1206Z153(6)1XA(9)	M123A21BXC153(6)(10)
<b>50 VOLT-BX-C1206 SIZE (MILITARY CKS55)</b>		
18,000.0	C1206Z183(6)5XA(9)	M123A21BXC183(6)(10)
22,000.0	C1206Z223(6)5XA(9)	M123A21BXC223(6)(10)
27,000.0	C1206Z273(6)5XA(9)	M123A21BXC273(6)(10)
33,000.0	C1206Z333(6)5XA(9)	M123A21BXC333(6)(10)
39,000.0	C1206Z393(6)5XA(9)	M123A21BXC393(6)(10)
<b>100 VOLT-BP-C1812 SIZE (MILITARY CKS56)</b>		
1,200.0	C1812Z122(3)1GA(9)	M123A22BPC122(3)(10)
2,200.0	C1812Z222(3)1GA(9)	M123A22BPC222(3)(10)
2,400.0	C1812Z242(3)1GA(9)	M123A22BPC242(3)(10)
2,700.0	C1812Z272(3)1GA(9)	M123A22BPC272(3)(10)
3,000.0	C1812Z302(3)1GA(9)	M123A22BPC302(3)(10)
3,300.0	C1812Z332(3)1GA(9)	M123A22BPC332(3)(10)
3,600.0	C1812Z362(3)1GA(9)	M123A22BPC362(3)(10)
3,900.0	C1812Z392(3)1GA(9)	M123A22BPC392(3)(10)
4,300.0	C1812Z432(3)1GA(9)	M123A22BPC432(3)(10)
4,700.0	C1812Z472(3)1GA(9)	M123A22BPC472(3)(10)
<b>50 VOLT-BP-C1812 SIZE (MILITARY CKS56)</b>		
5,100.0	C1812Z512(3)5GA(9)	M123A22BPC512(3)(10)
5,600.0	C1812Z562(3)5GA(9)	M123A22BPC562(3)(10)
6,200.0	C1812Z622(3)5GA(9)	M123A22BPC622(3)(10)
6,800.0	C1812Z682(3)5GA(9)	M123A22BPC682(3)(10)
7,500.0	C1812Z752(3)5GA(9)	M123A22BPC752(3)(10)
8,200.0	C1812Z822(3)5GA(9)	M123A22BPC822(3)(10)
9,100.0	C1812Z912(3)5GA(9)	M123A22BPC912(3)(10)
10,000.0	C1812Z103(3)5GA(9)	M123A22BPC103(3)(10)
<b>100 VOLT-BX-C1812 SIZE (MILITARY CKS56)</b>		
27,000.0	C1812Z273(6)1XA(9)	M123A22BXC273(6)(10)
33,000.0	C1812Z333(6)1XA(9)	M123A22BXC333(6)(10)
39,000.0	C1812Z393(6)1XA(9)	M123A22BXC393(6)(10)
47,000.0	C1812Z473(6)1XA(9)	M123A22BXC473(6)(10)
56,000.0	C1812Z563(6)1XA(9)	M123A22BXC563(6)(10)
<b>50 VOLT-BX-C1812 SIZE (MILITARY CKS56)</b>		
100,000.0	C1812Z104(6)5XA(9)	M123A22BXC104(6)(10)
120,000.0	C1812Z124(6)5XA(9)	M123A22BXC124(6)(10)
150,000.0	C1812Z154(6)5XA(9)	M123A22BXC154(6)(10)
180,000.0	C1812Z184(6)5XA(9)	M123A22BXC184(6)(10)

CAP. pF	KEMET PART NUMBER	MIL-PRF-123 PART NUMBER
<b>100 VOLT-BP-C1825 SIZE (MILITARY CKS57)</b>		
3,900.0	C1825Z392(3)1GA(9)	M123A23BPC392(3)(10)
4,700.0	C1825Z472(3)1GA(9)	M123A23BPC472(3)(10)
5,100.0	C1825Z512(3)1GA(9)	M123A23BPC512(3)(10)
5,600.0	C1825Z562(3)1GA(9)	M123A23BPC562(3)(10)
6,200.0	C1825Z622(3)1GA(9)	M123A23BPC622(3)(10)
6,800.0	C1825Z682(3)1GA(9)	M123A23BPC682(3)(10)
7,500.0	C1825Z752(3)1GA(9)	M123A23BPC752(3)(10)
8,200.0	C1825Z822(3)1GA(9)	M123A23BPC822(3)(10)
9,100.0	C1825Z912(3)1GA(9)	M123A23BPC912(3)(10)
10,000.0	C1825Z103(3)1GA(9)	M123A23BPC103(3)(10)
<b>50 VOLT-BP-C1812 SIZE (MILITARY CKS57)</b>		
11,000.0	C1825Z113(3)5GA(9)	M123A23BPC113(3)(10)
12,000.0	C1825Z123(3)5GA(9)	M123A23BPC123(3)(10)
13,000.0	C1825Z133(3)5GA(9)	M123A23BPC133(3)(10)
15,000.0	C1825Z153(3)5GA(9)	M123A23BPC153(3)(10)
16,000.0	C1825Z163(3)5GA(9)	M123A23BPC163(3)(10)
18,000.0	C1825Z183(3)5GA(9)	M123A23BPC183(3)(10)
20,000.0	C1825Z203(3)5GA(9)	M123A23BPC203(3)(10)
22,000.0	C1825Z223(3)5GA(9)	M123A23BPC223(3)(10)
<b>100 VOLT-BX-C1825 SIZE (MILITARY CKS57)</b>		
56,000.0	C1825Z563(6)1XA(9)	M123A23BXC563(6)(10)
68,000.0	C1825Z683(6)1XA(9)	M123A23BXC683(6)(10)
82,000.0	C1825Z823(6)1XA(9)	M123A23BXC823(6)(10)
100,000.0	C1825Z104(6)1XA(9)	M123A23BXC104(6)(10)
120,000.0	C1825Z124(6)1XA(9)	M123A23BXC124(6)(10)
150,000.0	C1825Z154(6)1XA(9)	M123A23BXC154(6)(10)
<b>50 VOLT-BX-C1812 SIZE (MILITARY CKS57)</b>		
180,000.0	C1825Z184(6)5XA(9)	M123A23BXC184(6)(10)
220,000.0	C1825Z224(6)5XA(9)	M123A23BXC224(6)(10)
270,000.0	C1825Z274(6)5XA(9)	M123A23BXC274(6)(10)
330,000.0	C1825Z334(6)5XA(9)	M123A23BXC334(6)(10)
390,000.0	C1825Z394(6)5XA(9)	M123A23BXC394(6)(10)
470,000.0	C1825Z474(6)5XA(9)	M123A23BXC474(6)(10)

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

- (1) C = ±0.25pF; D = ±0.5pF
- (2) C = ±0.25pF; J = ±5%; K = ±10%
- (3) F = ±1%; J = ±5%; K = ±10%
- (4) B = ±0.1pF; C = ±0.25pF
- (5) B = ±0.1pF; C = 0.25pF; D = 0.50pF
- (6) K = ±10%; M = ±20%

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

- (7) B = 50 volts; C = 100 volts
- (8) 5 = 50 volts; 1 = 100 volts

To complete the KEMET part numbers, insert termination designation:

- (9) H = Nickel Guarded, Solder Coated (Sn60); L = 70/30 Tin/Lead Plated
- (10) S = Nickel Guarded, Solder Coated (Sn60); Z = 70/30 Tin/Lead Plated