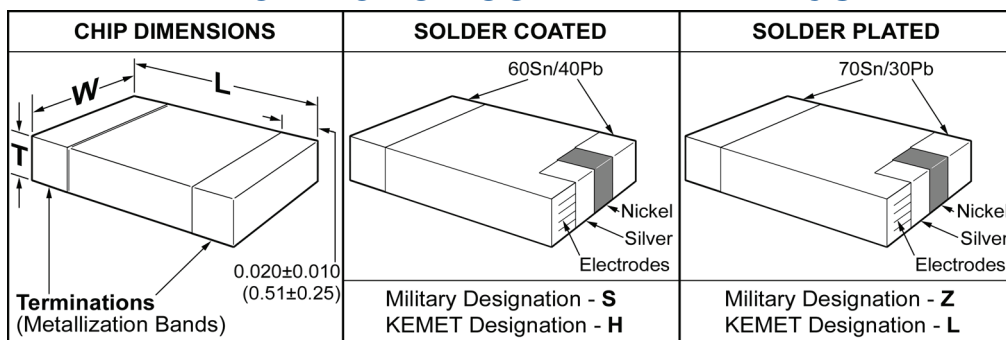


CAPACITOR OUTLINE DRAWINGS



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

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

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	±15%	+15% -25%

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

M123 A 10

BX

B

472

K

Z

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

Temperature Characteristic

KEMET Designator	Military Equivalent	Temp. Range, °C	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
50/100 VOLT- BP-C0805 SIZE (MILITARY CKS51)		
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)2R0(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
50 VOLT-BP-C0805 SIZE (MILITARY CKS51)		
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)
50/100 VOLT-BX-C0805 SIZE (MILITARY CKS51)		
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)
50 VOLT-BX-C0805 SIZE (MILITARY CKS51)		
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)
50/100 VOLT-BP-C1210 SIZE (MILITARY CKS52)		
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)
50 VOLT-BP-C1210 SIZE (MILITARY CKS52)		
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)
50/100 VOLT-BX-C1210 SIZE (MILITARY CKS52)		
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)
50 VOLT-BX-C1210 SIZE (MILITARY CKS52)		
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
50/100 VOLT-BP-C1808 SIZE (MILITARY CKS53)		
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)
50/100 VOLT-BX-C1808 SIZE (MILITARY CKS53)		
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)
50 VOLT-BX-C1808 SIZE (MILITARY CKS53)		
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)
50 VOLT-BP-C2225 SIZE (MILITARY CKS54)		
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)
50 VOLT-BP-C2225 SIZE (MILITARY CKS54)		
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)	M123A13BXB564K(10)
680,000.0	C2225Z684K5XA(9)	M123A13BXB684K(10)
820,000.0	C2225Z824K5XA(9)	M123A13BXB824K(10)
1,000,000.0	C2225Z105K5XA(9)	M123A13BXB105K(10)

RATINGS AND PART NUMBER REFERENCE

CAP. pF			KEMET PART NUMBER		MIL-PRF-123 PART NUMBER	
100 VOLT - BP - C1206 SIZE (MILITARY CKS55)						
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	
50 VOLT-BP-C1206 SIZE (MILITARY CKS55)						
1,100.0	C1206Z112(3)5GA(9)	M123A21BPB112(3)(10)				
1,200.0	C1206Z122(3)5GA(9)	M123A21BPB122(3)(10)				
1,300.0	C1206Z132(3)5GA(9)	M123A21BPB132(3)(10)				
1,500.0	C1206Z152(3)5GA(9)	M123A21BPB152(3)(10)				
1,600.0	C1206Z162(3)5GA(9)	M123A21BPB162(3)(10)				
1,800.0	C1206Z182(3)5GA(9)	M123A21BPB182(3)(10)				
2,000.0	C1206Z202(3)5GA(9)	M123A21BPB202(3)(10)				
2,200.0	C1206Z222(3)5GA(9)	M123A21BPB222(3)(10)				
100 VOLT-BX-C1206 SIZE (MILITARY CKS55)						
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)				
50 VOLT-BX-C1206 SIZE (MILITARY CKS55)						
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)				
100 VOLT-BP-C1812 SIZE (MILITARY CKS56)						
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)				
50 VOLT-BP-C1812 SIZE (MILITARY CKS56)						
5,100.0	C1812Z512(3)5GA(9)	M123A22BPB512(3)(10)				
5,600.0	C1812Z562(3)5GA(9)	M123A22BPB562(3)(10)				
6,200.0	C1812Z622(3)5GA(9)	M123A22BPB622(3)(10)				
6,800.0	C1812Z682(3)5GA(9)	M123A22BPB682(3)(10)				
7,500.0	C1812Z752(3)5GA(9)	M123A22BPB752(3)(10)				
8,200.0	C1812Z822(3)5GA(9)	M123A22BPB822(3)(10)				
9,100.0	C1812Z912(3)5GA(9)	M123A22BPB912(3)(10)				
10,000.0	C1812Z103(3)5GA(9)	M123A22BPB103(3)(10)				
100 VOLT-BX-C1812 SIZE (MILITARY CKS56)						
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)				
50 VOLT-BX-C1812 SIZE (MILITARY CKS56)						
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)				

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) S = 50 volts; I = 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

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

- (1) C = $\pm 0.25\text{pF}$; D = $\pm 0.5\text{pF}$
- (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 = 0.25pF ; D = 0.50pF
- (6) K = $\pm 10\%$; M = $\pm 20\%$

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

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