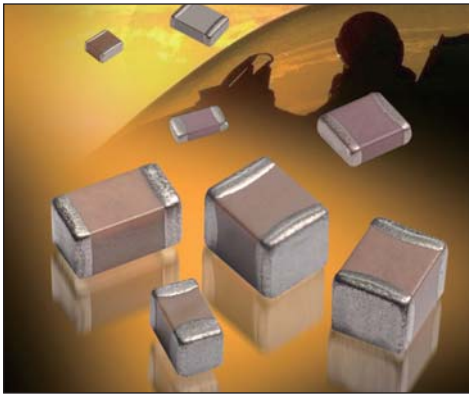


# MIL-PRF-123/Chips



AVX Corp.'s M123 Series MIL-qualified ceramic capacitors are designed for high performance applications in BX and BR voltage levels, and for temperature stable applications in BP and BG voltage levels. The M123A10-M123A23 have been tested in accordance with MIL-PRF-123 specifications and are available in a wide range of values and tolerances.

M123 Series capacitors offer design and component engineers a proven technology for SMD processing and applications requiring space-level reliability. They are designed for use in critical frequency applications, timing circuits, and applications where absolute stability is required (BP and BG), as well as in applications where a wider capacitance variation in temperature, voltage, frequency, and life span can be tolerated (BX and BR).

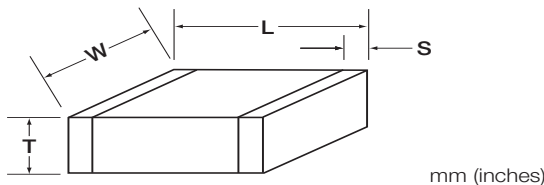
## HOW TO ORDER

**Military Type Designation: Capacitors, Fixed, Ceramic Dielectric, (Temperature Stable and General Purpose), High Reliability**

**Not RoHS Compliant**

<b>M123</b>	<b>A</b>	<b>10</b>	<b>BX</b>	<b>B</b>	<b>103</b>	<b>K</b>	<b>S</b>									
<b>Mil-Spec Number</b>	<b>Modification Spec.</b>	<b>Slash Sheet Number</b>	<b>Temperature Characteristic</b>	<b>Voltage</b> B = 50 C = 100	<b>Capacitance Code</b>	<b>Capacitance Tolerance</b> C = ±0.25pF D = ±0.5pF F = ±1% J = ±5% K = ±10% M = ±20%	<b>Termination</b> G = Silver - Nickel - Gold M = Palladium/Silver S = Silver - Nickel - Solder Coated Z = Silver - Nickel - Solder Plated (tin/lead alloy with a minimum of 4 percent lead)									
			Capacitance change with reference to 25°C over temperature range -55°C to +125°C													
			<table border="1"> <thead> <tr> <th>Symbol</th> <th>Without Voltage</th> <th>With Rated DC Voltage</th> </tr> </thead> <tbody> <tr> <td>BP</td> <td>0 ± 30 ppm/°C</td> <td>0 ± 30 ppm/°C</td> </tr> <tr> <td>BX</td> <td>+15, -15%</td> <td>+15, -25%</td> </tr> </tbody> </table>	Symbol	Without Voltage	With Rated DC Voltage	BP	0 ± 30 ppm/°C	0 ± 30 ppm/°C	BX	+15, -15%	+15, -25%				
Symbol	Without Voltage	With Rated DC Voltage														
BP	0 ± 30 ppm/°C	0 ± 30 ppm/°C														
BX	+15, -15%	+15, -25%														

## DIMENSIONS



(L) Length	(W) Width	(T) Thickness	(S) Termination Band
<b>CKS51, /10, 0805 Size Chip</b>			
2.03 (0.080) ± 0.381 (0.015)	1.27 (0.050) ± 0.381 (0.015)	0.508 (0.020) Min. 1.40 (0.055) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS52, /11, 1210 Size Chip</b>			
3.05 (0.120) ± 0.381 (0.015)	2.54 (0.100) ± 0.381 (0.015)	0.508 (0.020) Min. 1.65 (0.065) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS52, /12, 1808 Size Chip</b>			
4.57 (0.180) ± 0.381 (0.015)	2.03 (0.080) ± 0.381 (0.015)	0.508 (0.020) Min. 1.65 (0.065) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS54, /13, 2225 Size Chip</b>			
5.59 (0.220) ± 0.381 (0.015)	6.35 (0.250) ± 0.381 (0.015)	0.508 (0.020) Min. 1.78 (0.070) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS55, /21, 1206 Size Chip</b>			
3.05 (0.120) ± 0.381 (0.015)	1.52 (0.060) ± 0.381 (0.015)	0.508 (0.020) Min. 1.65 (0.065) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS56, /22, 1812 Size Chip</b>			
4.57 (0.180) ± 0.381 (0.015)	3.18 (0.125) ± 0.381 (0.015)	0.508 (0.020) Min. 2.03 (0.080) Max.	0.508 (0.020) ± 0.254 (0.010)
<b>CKS56, /23, 1825 Size Chip</b>			
4.57 (0.180) ± 0.381 (0.015)	6.35 (0.250) ± 0.381 (0.015)	0.508 (0.020) Min. 2.03 (0.080) Max.	0.508 (0.020) ± 0.254 (0.010)

Slash Sheet	Case Size	Dielectric	Cap Range (pF)
10	0805	BP	1.0-680
		BX	330-470000
11	1210	BP	300-3,300
		BX	5,600-100,000
12	1808	BP	300-1,000
		BX	5,600-100,000
13	2225	BP	1,100-10,000
		BX	120,000-1,000,000
21	1206	BP	1.0-2,200
		BX	4,700-39,000
22	1812	BP	1,200-10,000
		BX	27,000-180,000
23	1825	BP	3,900-20,000
		BX	56,000-470,000



Performance of SMPS Capacitors can also be simulated by downloading the newly updated SpiCalci 6.0 software program. Custom values, ratings and configurations are also available, <http://www.avx.com/SpiApps/default.asp#spicalci>.

## MIL-PRF-123/STYLE CKS51, -/10

Part Number 1/ (0805 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A10BP_1R0_	1.0	C,D	BP	50,100
M123A10BP_1R1_	1.1	↓	↓	↓
M123A10BP_1R2_	1.2	↓	↓	↓
M123A10BP_1R3_	1.3	↓	↓	↓
M123A10BP_1R5_	1.5	↓	↓	↓
M123A10BP_1R6_	1.6	↓	↓	↓
M123A10BP_1R8_	1.8	↓	↓	↓
M123A10BP_2R0_	2.0	↓	↓	↓
M123A10BP_2R2_	2.2	↓	↓	↓
M123A10BP_2R4_	2.4	↓	↓	↓
M123A10BP_2R7_	2.7	↓	↓	↓
M123A10BP_3R0_	3.0	↓	↓	↓
M123A10BP_3R3_	3.3	↓	↓	↓
M123A10BP_3R6_	3.6	↓	↓	↓
M123A10BP_3R9_	3.9	↓	↓	↓
M123A10BP_4R3_	4.3	↓	↓	↓
M123A10BP_4R7_	4.7	↓	↓	↓
M123A10BP_5R1_	5.1	↓	↓	↓
M123A10BP_5R6_	5.6	↓	↓	↓
M123A10BP_6R2_	6.2	↓	↓	↓
M123A10BP_6R8_	6.8	↓	↓	↓
M123A10BP_7R5_	7.5	↓	↓	↓
M123A10BP_8R2_	8.2	↓	↓	↓
M123A10BP_9R1_	9.1	↓	↓	↓
M123A10BP_100_	10	C, J, K	↓	↓
M123A10BP_110_	11	↓	↓	↓
M123A10BP_120_	12	↓	↓	↓
M123A10BP_130_	13	↓	↓	↓
M123A10BP_150_	15	↓	↓	↓
M123A10BP_160_	16	↓	↓	↓
M123A10BP_180_	18	↓	↓	↓
M123A10BP_200_	20	↓	↓	↓
M123A10BP_220_	22	↓	↓	↓
M123A10BP_240_	24	↓	↓	↓
M123A10BP_270_	27	F, J, K	↓	↓
M123A10BP_300_	30	↓	↓	↓
M123A10BP_330_	33	↓	↓	↓
M123A10BP_360_	36	↓	↓	↓
M123A10BP_390_	39	↓	↓	↓
M123A10BP_430_	43	↓	↓	↓
M123A10BP_470_	47	↓	↓	↓
M123A10BP_510_	51	↓	↓	↓
M123A10BP_560_	56	↓	↓	↓
M123A10BP_620_	62	↓	↓	↓
M123A10BP_680_	68	↓	↓	↓
M123A10BP_750_	75	F, J, K	BP	50,100

Part Number 1/ (0805 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A10BP_820_	82	F, J, K	BP	50,100
M123A10BP_910_	91	↓	↓	↓
M123A10BP_101_	100	↓	↓	↓
M123A10BP_111_	110	↓	↓	↓
M123A10BP_121_	120	↓	↓	↓
M123A10BP_131_	130	↓	↓	↓
M123A10BP_151_	150	↓	↓	↓
M123A10BP_161_	160	↓	↓	↓
M123A10BP_181_	180	↓	↓	↓
M123A10BP_201_	200	↓	↓	↓
M123A10BP_221_	220	↓	↓	↓
M123A10BP_241_	240	↓	↓	↓
M123A10BP_271_	270	↓	↓	↓
M123A10BP_301_	300	↓	↓	↓
M123A10BP_331_	330	↓	↓	↓
M123A10BP_361_	360	↓	↓	↓
M123A10BP_391_	390	↓	↓	↓
M123A10BP_431_	430	↓	↓	↓
M123A10BP_471_	470	F,J,K	BP	50,100
M123A10BPB511_	510	F,J,K	BP	50
M123A10BPB561_	560	↓	↓	↓
M123A10BPB621_	620	↓	↓	↓
M123A10BPB681_	680	F,J,K	BP	50
M123A10BX_331K_	330	K	BX	50,100
M123A10BX_391K_	390	↓	↓	↓
M123A10BX_471K_	470	↓	↓	↓
M123A10BX_561K_	560	↓	↓	↓
M123A10BX_681K_	680	↓	↓	↓
M123A10BX_821K_	820	↓	↓	↓
M123A10BX_102K_	1,000	↓	↓	↓
M123A10BX_122K_	1,200	↓	↓	↓
M123A10BX_152K_	1,500	↓	↓	↓
M123A10BX_182K_	1,800	↓	↓	↓
M123A10BX_222K_	2,200	↓	↓	↓
M123A10BX_272K_	2,700	↓	↓	↓
M123A10BX_332K_	3,300	↓	↓	↓
M123A10BX_392K_	3,900	↓	↓	↓
M123A10BX_472K_	4,700	K	BX	50,100
M123A10BxB562K_	5,600	K	BX	50
M123A10BxB682K_	6,800	↓	↓	↓
M123A10BxB822K_	8,200	↓	↓	↓
M123A10BxB103K_	10,000	↓	↓	↓
M123A10BxB123K_	12,000	↓	↓	↓
M123A10BxB153K_	15,000	↓	↓	↓
M123A10BxB183K_	18,000	K	BX	50

## MIL-PRF-123/STYLE CKS52, -/11

Part Number 1/ (1210 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A11BP_301_	300	F, J, K	BP	50,100
M123A11BP_331_	330	↓	↓	↓
M123A11BP_361_	360	↓	↓	↓
M123A11BP_391_	390	↓	↓	↓
M123A11BP_431_	430	↓	↓	↓
M123A11BP_471_	470	↓	↓	↓
M123A11BP_511_	510	↓	↓	↓
M123A11BP_561_	560	↓	↓	↓
M123A11BP_621_	620	↓	↓	↓
M123A11BP_681_	680	↓	↓	↓
M123A11BP_751_	750	↓	↓	↓
M123A11BP_821_	820	↓	↓	↓
M123A11BP_911_	910	↓	↓	↓
M123A11BP_102_	1,000	↓	↓	↓
M123A11BP_112_	1,100	↓	↓	↓
M123A11BP_122_	1,200	↓	↓	↓
M123A11BP_132_	1,300	↓	↓	↓
M123A11BP_152_	1,500	↓	↓	↓
M123A11BP_162_	1,600	↓	↓	↓
M123A11BP_182_	1,800	↓	↓	↓
M123A11BP_202_	2,000	↓	↓	↓
M123A11BP_222_	2,200	F, J, K	BP	50,100

Part Number 1/ (1210 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A11BPB242_	2,400	F, J, K	BP	50
M123A11BPB272_	2,700	↓	↓	↓
M123A11BPB302_	3,000	↓	↓	↓
M123A11BPB332_	3,300	F, J, K	BP	50
M123A11BX_562_	5,600	K, M	BX	50,100
M123A11BX_682_	6,800	↓	↓	↓
M123A11BX_822_	8,200	↓	↓	↓
M123A11BX_103_	10,000	↓	↓	↓
M123A11BX_123_	12,000	↓	↓	↓
M123A11BX_153_	15,000	↓	↓	↓
M123A11BX_183_	18,000	↓	↓	↓
M123A11BX_223_	22,000	↓	↓	↓
M123A11BX_273_	27,000	K, M	BX	50,100
M123A11BxB333_	33,000	K, M	BX	50
M123A11BxB393_	39,000	↓	↓	↓
M123A11BxB473_	47,000	↓	↓	↓
M123A11BxB563_	56,000	↓	↓	↓
M123A11BxB683_	68,000	↓	↓	↓
M123A11BxB823_	82,000	↓	↓	↓
M123A11BxB104_	100,000	K, M	BX	50

## MIL-PRF-123/STYLE CKS53, -/12

Part Number 1/ (1808 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A12BP_301_	300	F, J, K	BP	50,100
M123A12BP_331_	330	↓	↓	↓
M123A12BP_361_	360	↓	↓	↓
M123A12BP_391_	390	↓	↓	↓
M123A12BP_431_	430	↓	↓	↓
M123A12BP_471_	470	↓	↓	↓
M123A12BP_511_	510	↓	↓	↓
M123A12BP_561_	560	↓	↓	↓
M123A12BP_621_	620	↓	↓	↓
M123A12BP_681_	680	↓	↓	↓
M123A12BP_751_	750	↓	↓	↓
M123A12BP_821_	820	↓	↓	↓
M123A12BP_911_	910	↓	↓	↓
M123A12BP_102_	1,000	F, J, K	BP	50,100

Part Number 1/ (1808 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A12BX_562K_	5,600	K	BX	50,100
M123A12BX_682K_	6,800	↓	↓	↓
M123A12BX_822K_	8,200	↓	↓	↓
M123A12BX_103K_	10,000	↓	↓	↓
M123A12BX_123K_	12,000	↓	↓	↓
M123A12BX_153K_	15,000	↓	↓	↓
M123A12BX_183K_	18,000	↓	↓	↓
M123A12BX_223K_	22,000	↓	↓	↓
M123A12BX_273K_	27,000	↓	↓	↓
M123A12BX_333K_	33,000	K	BX	50,100
M123A12BxB393K_	39,000	↓	↓	↓
M123A12BxB473K_	47,000	↓	↓	↓
M123A12BxB563K_	56,000	↓	↓	↓
M123A12BxB683K_	68,000	↓	↓	↓
M123A12BxB823K_	82,000	↓	↓	↓
M123A12BxB104K_	100,000	K	BX	50

## MIL-PRF-123/STYLE CKS54, -/13

Part Number 1/ (2225 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A13BPB112_	1,100	F, J, K	BP	50
M123A13BPB122_	1,200	↓	↓	↓
M123A13BPB132_	1,300	↓	↓	↓
M123A13BPB152_	1,500	↓	↓	↓
M123A13BPB162_	1,600	↓	↓	↓
M123A13BPB182_	1,800	↓	↓	↓
M123A13BPB202_	2,000	↓	↓	↓
M123A13BPB222_	2,200	↓	↓	↓
M123A13BPB242_	2,400	↓	↓	↓
M123A13BPB272_	2,700	↓	↓	↓
M123A13BPB302_	3,000	↓	↓	↓
M123A13BPB332_	3,300	↓	↓	↓
M123A13BPB362_	3,600	↓	↓	↓
M123A13BPB392_	3,900	↓	↓	↓
M123A13BPB432_	4,300	↓	↓	↓
M123A13BPB472_	4,700	↓	↓	↓
M123A13BPB512_	5,100	F, J, K	BP	50

Part Number 1/ (2225 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A13BPB562_	5,600	F, J, K	BP	50
M123A13BPB622_	6,200	↓	↓	↓
M123A13BPB682_	6,800	↓	↓	↓
M123A13BPB752_	7,500	↓	↓	↓
M123A13BPB822_	8,200	↓	↓	↓
M123A13BPB912_	9,100	↓	↓	↓
M123A13BPB103_	10,000	F, J, K	BP	50
M123A13BxB124K_	120,000	K	BX	50
M123A13BxB154K_	150,000	↓	↓	↓
M123A13BxB184K_	180,000	↓	↓	↓
M123A13BxB224K_	220,000	↓	↓	↓
M123A13BxB274K_	270,000	↓	↓	↓
M123A13BxB334K_	330,000	↓	↓	↓
M123A13BxB394K_	394,000	↓	↓	↓
M123A13BxB474K_	474,000	↓	↓	↓
M123A13BxB105K_	1,000,000	K	BX	50

## MIL-PRF-123/STYLE CKS55, -/21

Part Number 1/ (1206 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A21BPC1R0_	1.0	B, C	BP	100
M123A21BPC1R1_	1.1	↓	↓	↓
M123A21BPC1R2_	1.2			
M123A21BPC1R3_	1.3			
M123A21BPC1R5_	1.5			
M123A21BPC1R6_	1.6			
M123A21BPC1R8_	1.8			
M123A21BPC2R0_	2.0	↓	↓	↓
M123A21BPC2R2_	2.2			
M123A21BPC2R4_	2.4			
M123A21BPC2R7_	2.7			
M123A21BPC3R0_	3.0	↓	↓	↓
M123A21BPC3R3_	3.3			
M123A21BPC3R6_	3.6			
M123A21BPC3R9_	3.9			
M123A21BPC4R3_	4.3			
M123A21BPC4R7_	4.7	↓	↓	↓
M123A21BPC5R1_	5.1			
M123A21BPC5R6_	5.6			
M123A21BPC6R2_	6.2			
M123A21BPC6R8_	6.8			
M123A21BPC7R5_	7.5			
M123A21BPC8R2_	8.2			
M123A21BPC9R1_	9.1			
		B, C, D	BP	100

Part Number 1/ (1206 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A21BPC100_	10	↓	↓	↓
M123A21BPC110_	11			
M123A21BPC120_	12			
M123A21BPC130_	13			
M123A21BPC150_	15			
M123A21BPC160_	16			
M123A21BPC180_	18			
M123A21BPC200_	20			
M123A21BPC240_	24			
M123A21BPC270_	27			
M123A21BPC330_	33			
M123A21BPC360_	36			
M123A21BPC390_	39			
M123A21BPC430_	43			
M123A21BPC470_	47			
M123A21BPC510_	51			
M123A21BPC560_	56			
M123A21BPC620_	62			
M123A21BPC680_	68			
M123A21BPC750_	75			
M123A21BPC820_	82			
M123A21BPC910_	91			
M123A21BPC101_	100	F, J, K	BP	100

## MIL-PRF-123/STYLE CKS55, -/21

Part Number 1/ (1206 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A21BPC111_	110	↓	↓	↓
M123A21BPC121_	120			
M123A21BPC131_	130			
M123A21BPC151_	150			
M123A21BPC161_	160			
M123A21BPC181_	180			
M123A21BPC201_	200			
M123A21BPC221_	220			
M123A21BPC241_	240			
M123A21BPC271_	270			
M123A21BPC301_	300			
M123A21BPC331_	330			
M123A21BPC361_	360			
M123A21BPC391_	390			
M123A21BPC431_	430			
M123A21BPC471_	470			
M123A21BPC511_	510			
M123A21BPC561_	560			
M123A21BPC621_	620			
M123A21BPC681_	680			
M123A21BPC751_	750			
M123A21BPC821_	820			
M123A21BPC911_	910			
M123A21BPC102_	1,000	F, J, K	BP	100

Part Number 1/ (1206 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A21BPB112_	1,100	↓	↓	↓
M123A21BPB122_	1,200			
M123A21BPB132_	1,300			
M123A21BPB152_	1,500			
M123A21BPB162_	1,600			
M123A21BPB182_	1,800			
M123A21BPB202_	2,000	↓	↓	↓
M123A21BPB222_	2,200			
M123A21BXC472_	4,700	↓	↓	↓
M123A21BXC562_	5,600			
M123A21BXC682_	6,800			
M123A21BXC822_	8,200			
M123A21BXC103_	10,000			
M123A21BXC123_	12,000	↓	↓	↓
M123A21BXC153_	15,000			
M123A21BXB183_	18,000	↓	↓	↓
M123A21BXB223_	22,000			
M123A21BXB273_	27,000			
M123A21BXB333_	33,000			
M123A21BXB393_	39,000			
		K, M	BX	50

## MIL-PRF-123/STYLE CKS56, -/22

Part Number 1/ (1812 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A22BPC122__	1,200	F, J, K	BP	100
M123A22BPC152__	1,500	↓	↓	↓
M123A22BPC182__	1,800	↓	↓	↓
M123A22BPC222__	2,200	↓	↓	↓
M123A22BPC242__	2,400	↓	↓	↓
M123A22BPC272__	2,700	↓	↓	↓
M123A22BPC302__	3,000	↓	↓	↓
M123A22BPC332__	3,300	↓	↓	↓
M123A22BPC362__	3,600	↓	↓	↓
M123A22BPC392__	3,900	↓	↓	↓
M123A22BPC432__	4,300	↓	↓	↓
M123A22BPC472__	4,700	F, J, K	BP	100
M123A22BPB512__	5,100	F, J, K	BP	50
M123A22BPB562__	5,600	↓	↓	↓
M123A22BPB622__	6,200	↓	↓	↓
M123A22BPB682__	6,800	↓	↓	↓
M123A22BPB752__	7,500	↓	↓	↓
M123A22BPB822__	8,200	↓	↓	↓
M123A22BPB912__	9,100	↓	↓	↓
M123A22BPB103__	10,000	F, J, K	BP	50

Part Number 1/ (1812 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A22BXC273__	27,000	K, M	BX	100
M123A22BXC333__	33,000	↓	↓	↓
M123A22BXC393__	39,000	↓	↓	↓
M123A22BXC473__	47,000	↓	↓	↓
M123A22BXC563__	56,000	K, M	BX	100
M123A22BXC823__	82,000	K, M	BX	50
M123A22BXC104__	100,000	↓	↓	↓
M123A22BXC124__	120,000	↓	↓	↓
M123A22BXC154__	150,000	↓	↓	↓
M123A22BXC184__	180,000	K, M	BX	50

## MIL-PRF-123/STYLE CKS57, -/23

Part Number 1/ (1825 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A23BPC392__	3,900	F, J, K	BP	100
M123A23BPC472__	4,700	↓	↓	↓
M123A23BPC512__	5,100	↓	↓	↓
M123A23BPC562__	5,600	↓	↓	↓
M123A23BPC622__	6,200	↓	↓	↓
M123A23BPC682__	6,800	↓	↓	↓
M123A23BPC752__	7,500	↓	↓	↓
M123A23BPC822__	8,200	↓	↓	↓
M123A23BPC912__	9,100	↓	↓	↓
M123A23BPC103__	10,000	F, J, K	BP	100
M123A23BPB113__	11,000	F, J, K	BP	50
M123A23BPB123__	12,000	↓	↓	↓
M123A23BPB133__	13,000	↓	↓	↓
M123A23BPB153__	15,000	↓	↓	↓
M123A23BPB163__	16,000	↓	↓	↓
M123A23BPB183__	18,000	↓	↓	↓
M123A23BPB203__	20,000	↓	↓	↓
M123A23BPB223__	22,000	F, J, K	BP	50

Part Number 1/ (1825 Size Chip)	Capacitance pF	Capacitance Tolerance	Voltage- Temperature Limits	Rated Voltage
M123A23BXC563__	56,000	K, M	BX	100
M123A23BXC683__	68,000	↓	↓	↓
M123A23BXC823__	82,000	↓	↓	↓
M123A23BXC104__	100,000	↓	↓	↓
M123A23BXC124__	120,000	↓	↓	↓
M123A23BXC154__	150,000	K, M	BX	100
M123A23BXC184__	180,000	K, M	BX	50
M123A23BXC224__	220,000	↓	↓	↓
M123A23BXC274__	270,000	↓	↓	↓
M123A23BXC334__	330,000	↓	↓	↓
M123A23BXC394__	390,000	↓	↓	↓
M123A23BXC474__	470,000	K, M	BX	50