



## Capacitance Range

Dielectric	X5R												
	0402			0603				0805				1210	
Size	6.3 (V)	10 (V)	16 (V)	6.3 (V)	10 (V)	16 (V)	25 (V)	6.3 (V)	10 (V)	16 (V)	25 (V)	10 (V)	16 (V)
Rated Voltage (V dc)	6.3 (V)	10 (V)	16 (V)	6.3 (V)	10 (V)	16 (V)	25 (V)	6.3 (V)	10 (V)	16 (V)	25 (V)	10 (V)	16 (V)
0.027 µF (273)	-	-	N	-	-	-	-	-	-	-	-	-	-
0.033 µF (333)	-	-	N	-	-	-	-	-	-	-	-	-	-
0.039 µF (393)	-	-	N	-	-	-	-	-	-	-	-	-	-
0.047 µF (473)	-	-	N	-	-	-	-	-	-	-	-	-	-
0.056 µF (563)	-	N	N	-	-	-	-	-	-	-	-	-	-
0.068 µF (683)	-	N	N	-	-	-	-	-	-	-	-	-	-
0.082 µF (823)	N	N	N	-	-	-	-	-	-	-	-	-	-
0.1 µF (104)	N	N	N	-	-	-	-	-	-	-	-	-	-
0.22 µF (224)	N	-	-	-	-	X	X	-	-	-	-	-	-
0.33 µF (334)	N	-	-	-	X	X	X	-	-	-	-	-	-
0.47 µF (474)	N	-	-	-	X	X	X	-	-	-	-	-	-
0.68 µF (684)	N	-	-	X	X	X	X	-	-	-	-	-	-
1 µF (105)	N	-	-	X	X	X	X	-	-	-	-	-	-
1.5 µF (155)	-	-	-	X	-	-	-	I	I	-	-	K	K
2.2 µF (225)	-	-	-	X	-	-	-	I	I	I	I	K	K
3.3 µF (335)	-	-	-	-	-	-	-	I	I	I	I	-	-
4.7 µF (475)	-	-	-	-	-	-	-	I	I	I	I	K	K
6.8 µF (685)	-	-	-	-	-	-	-	-	-	-	-	-	-
10 µF (106)	-	-	-	-	-	-	-	I	-	-	-	K	K
22 µF (226)	-	-	-	-	-	-	-	-	-	-	-	-	-

1. The letter in cell is expressed the symbol of product thickness.

## Capacitance Range

Dielectric	Y5V													
	0603		0805				1206				1210			
Size	10 (V)	16 (V)	10 (V)	16 (V)	25 (V)	50 (V)	10 (V)	16 (V)	25 (V)	50 (V)	10 (V)	16 (V)	25 (V)	50 (V)
Rated Voltage (V dc)	10 (V)	16 (V)	10 (V)	16 (V)	25 (V)	50 (V)	10 (V)	16 (V)	25 (V)	50 (V)	10 (V)	16 (V)	25 (V)	50 (V)
1 µF (105)	S	X	B	B	D	D	C	C	C	C	C	C	C	C
1.5 µF (155)	S	-	D	D	-	-	C	C	C	-	C	C	C	-
2.2 µF (225)	S	-	D	D	I	-	C	C	C	-	C	C	C	G
3.3 µF (335)	-	-	D	D	-	-	J	J	J	-	C	C	C	-
4.7 µF (475)	-	-	D	D	I	-	J	J	J	-	C	C	D	G
6.8 µF (685)	-	-	I	-	-	-	J	J	-	-	C	C	D	-
10 µF (106)	-	-	I	-	-	-	J	J	P	-	D	D	G	-
22 µF (226)	-	-	-	-	-	-	P	-	-	-	K	K	-	-
47 µF (476)	-	-	-	-	-	-	-	-	-	-	K	-	-	-
100 µF (107)	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1. The letter in cell is expressed the symbol of product thickness.

## Dimensions Table

Size Inch (mm)	Thickness (mm)/Symbol	
0402 (1005)	0.5 ±0.05	N
0603 (1608)	0.8 ±0.07	S
	0.8 + 0.15 / -0.1	X
0805 (2012)	0.8 ±0.1	B
	1.25 ±0.1	D
	1.25 ±0.2	I
1206 (3216)	0.95 ±0.1	C
	1.15 ±0.15	J
	1.6 ±0.2	G
	1.6 +0.3 / -0.1	P
1210 (3225)	0.95 ±0.1	C
	1.25 ±0.1	D
	1.6 ±0.2	G
	2 ±0.2	K
	2.5 ±0.3	M
1812 (4532)	1.25 ±0.1	D
	2 ±0.2	K
	2.5 ±0.3	M

## Capacitance Range

Dielectric	X7R				
	1206			1812	
Size	10 (V)	16 (V)	25 (V)	50 (V)	100 (V)
Rated Voltage (V dc)	10 (V)	16 (V)	25 (V)	50 (V)	100 (V)
1 µF (105)	J	J	J	-	K
1.5 µF (155)	J	J	-	-	K
2.2 µF (225)	J	J	J	-	M
3.3 µF (335)	P	P	P	-	-
4.7 µF (475)	P	P	P	-	-

1. The letter in cell is expressed the symbol of product thickness.

## Dimensions

Size Inch (mm)	L (mm)	W (mm)	M <sub>B</sub> (mm)
0402 (1005)	1 ±0.05	0.5 ±0.05	0.25 +0.05 / -0.1
0603 (1608)	1.6 ±0.1	0.8 ±0.1	0.4 ±0.15
	1.6 +0.15 / -0.1	0.8 +0.15 / -0.1	
0805 (2012)	2 ±0.15	1.25 ±0.1	0.5 ±0.2
	2 ±0.2	1.25 ±0.2	
1206 (3216)	3.2 ±0.2	3.0 ±0.15	0.6 ±0.2
		1.6 ±0.15	
		1.6 ±0.2	
1210 (3225)	3.2 ±0.4	2.5 ±0.2	0.75 ±0.25
		2.5 ±0.3	
1812 (4532)	4.5 ±0.4	3.2 ±0.3	0.75 ±0.25

Dimensions : Inches (Millimetres)

## Specification Table

Dielectric	Size	Rated Voltage (V dc)	Capacitance (µF)
X5R	0402 (1005)	6.3	0.22 (224)
			0.47 (474)
			1 (105)
			2.2 (225)
			0.056 (563)
		10	0.068 (683)
			0.082 (823)
			0.1 (104)
			1 (105)
			0.027 (273)
		16	0.033 (333)
			0.039 (393)
			0.047 (473)
			0.068 (683)
			0.1 (104)
0603 (1608)	6.3	0.82	
		1 (105)	
		2.2 (225)	
		10 (106)	
		10	
Y5V	0603 (1608)	10	0.33 (334)
			0.47 (474)
			0.68 (684)
			1 (105)
			1 (105)
X5R	0603 (1608)	16	2.2 (225)
			2.2 (225)
			0.22 (224)
			0.33 (334)
			0.47 (474)
			0.68 (684)
			1 (105)

Dimensions : Inches (Millimetres)

**Specification Table**

Dielectric	Size	Rated Voltage (V dc)	Capacitance (μF)
X5R	0805 (2012)	25	1 (105)
		6.3	1.5 (155)
			2.2 (225)
			3.3 (335)
			4.7 (475)
			22 (226)
			2.2 (225)
		10	3.3 (335)
			3.3 (335)
			4.7 (475)
X5R		4.7 (475)	
Y5V	16	10 (106)	
		1 (105)	
		1.5 (155)	
		2.2 (225)	

Dimensions : Inches (Millimetres)

**Specification Table**

Dielectric	Size	Rated Voltage (V dc)	Capacitance (μF)
X5R	0805 (2012)	16	2.2 (225)
Y5V			4.7 (475)
X5R			25
Y5V		2.2 (225)	
X5R		4.7 (475)	
Y5V		50	1 (105)
X7R	1206 (3216)	10	1.5 (155)
Y5V			10 (106)
			22 (226)
X7R		16	1 (105)
Y5V			1.5 (155)
X7R			2.2 (225)
Y5V	25	3.3 (335)	
		4.7 (475)	
		10 (106)	
X7R	25	25	1 (105)
Y5V			1.5 (155)
			2.2 (225)
	4.7 (475)		

Dimensions : Inches (Millimetres)

## Specification Table

Dielectric	Size	Rated Voltage (V dc)	Capacitance (µF)	
Y5V	1206 (3216)	25	10 (106)	
X7R		50	1 (105)	
Y5V				
X5R	1210 (3225)	6.3	22	
			100	
Y5V		10	10	10 (106)
				22 (226)
				47 (475)
X5R		16	10	10 (106)
				22 (226)
Y5V		25	4.7	4.7
X5R				10 (106)
Y5V		50	4.7	4.7 (475)
X5R				
Y5V		1812 (4532)	100	1 (105)
X7R				

Dimensions : Inches (Millimetres)

## Part Number Table

Description	Part Number
MLCC, 0402, X5R, 6.3 V, 0.22 µF	MCCA000498
MLCC, 0402, X5R, 6.3 V, 0.47 µF	MCCA000499
MLCC, 0402, X5R, 6.3 V, 1 µF	MCCA000500
MLCC, 0402, X5R, 6.3 V, 2.2 µF	MCCA000501
MLCC, 0402, X5R, 10 V, 0.056 µF	MCCA000502
MLCC, 0402, X5R, 10 V, 0.068 µF	MCCA000503
MLCC, 0402, X5R, 10 V, 0.082 µF	MCCA000504
MLCC, 0402, X5R, 10 V, 0.1 µF	MCCA000505
MLCC, 0402, X5R, 10 V, 1 µF	MCCA000506
MLCC, 0402, X5R, 16 V, 0.027 µF	MCCA000507
MLCC, 0402, X5R, 16 V, 0.033 µF	MCCA000508
MLCC, 0402, X5R, 16 V, 0.039 µF	MCCA000509
MLCC, 0402, X5R, 16 V, 0.047 µF	MCCA000510
MLCC, 0402, X5R, 16 V, 0.068 µF	MCCA000511
MLCC, 0402, X5R, 16 V, 0.1 µF	MCCA000512
MLCC, 0402, X5R, 16 V, 0.22 µF	MCCA000513
MLCC, 0603, X5R, 6.3 V, 0.82 µF	MCCA000514
MLCC, 0603, X5R, 6.3V, 1 µF	MCCA000515
MLCC, 0603, X5R, 6.3 V, 2.2 µF	MCCA000516
MLCC, 0603, X5R, 6.3 V, 10 µF	MCCA000517
MLCC, 0603, X5R, 10 V, 0.33 µF	MCCA000518
MLCC, 0603, X5R, 10 V, 0.47 µF	MCCA000519
MLCC, 0603, X5R, 10 V, 0.68 µF	MCCA000520
MLCC, 0603, Y5V, 10 V, 1 µF	MCCA000521
MLCC, 0603, X5R, 10 V, 1 µF	MCCA000522
MLCC, 0603, Y5V, 10 V, 2.2 µF	MCCA000523
MLCC, 0603, X5R, 10 V, 2.2 µF	MCCA000524
MLCC, 0603, X5R, 16 V, 0.22 µF	MCCA000525
MLCC, 0603, X5R, 16 V, 0.33 µF	MCCA000526
MLCC, 0603, X5R, 16 V, 0.47 µF	MCCA000527
MLCC, 0603, X5R, 16 V, 0.68 µF	MCCA000528
MLCC, 0603, X5R, 16 V, 1 µF	MCCA000529
MLCC, 0603, Y5V, 16 V, 1 µF	MCCA000530

**Part Number Table**

Description	Part Number
MLCC, 0603, X5R, 25 V, 1 $\mu$ F	MCCA000531
MLCC, 0805, X5R, 6.3 V, 1.5 $\mu$ F	MCCA000532
MLCC, 0805, X5R, 6.3 V, 2.2 $\mu$ F	MCCA000533
MLCC, 0805, X5R, 6.3 V, 3.3 $\mu$ F	MCCA000534
MLCC, 0805, X5R, 6.3 V, 4.7 $\mu$ F	MCCA000535
MLCC, 0805, X5R, 6.3 V, 22 $\mu$ F	MCCA000536
MLCC, 0805, X5R, 10 V, 2.2 $\mu$ F	MCCA000537
MLCC, 0805, Y5V, 10 V, 3.3 $\mu$ F	MCCA000538
MLCC, 0805, X5R, 10 V, 3.3 $\mu$ F	MCCA000539
MLCC, 0805, Y5V, 10 V, 4.7 $\mu$ F	MCCA000540
MLCC, 0805, X5R, 10 V, 4.7 $\mu$ F	MCCA000541
MLCC, 0805, Y5V, 10 V, 10 $\mu$ F	MCCA000542
MLCC, 0805, Y5V, 16 V, 1 $\mu$ F	MCCA000543
MLCC, 0805, Y5V, 16 V, 1.5 $\mu$ F	MCCA000544
MLCC, 0805, Y5V, 16 V, 2.2 $\mu$ F	MCCA000545
MLCC, 0805, X5R, 16 V, 2.2 $\mu$ F	MCCA000546
MLCC, 0805, Y5V, 16 V, 4.7 $\mu$ F	MCCA000547
MLCC, 0805, X5R, 16 V, 4.7 $\mu$ F	MCCA000548
MLCC, 0805, Y5V, 25 V, 1 $\mu$ F	MCCA000549
MLCC, 0805, X5R, 25 V, 2.2 $\mu$ F	MCCA000550
MLCC, 0805, X5R, 25 V, 4.7 $\mu$ F	MCCA000551
MLCC, 0805, Y5V, 50 V, 1 $\mu$ F	MCCA000552
MLCC, 1206, X7R, 10 V, 1.5 $\mu$ F	MCCA000553
MLCC, 1206, Y5V, 10 V, 10 $\mu$ F	MCCA000554
MLCC, 1206, Y5V, 10 V, 22 $\mu$ F	MCCA000555
MLCC, 1206, X7R, 16 V, 1 $\mu$ F	MCCA000556
MLCC, 1206, Y5V, 16 V, 1 $\mu$ F	MCCA000557
MLCC, 1206, X7R, 16 V, 1.5 $\mu$ F	MCCA000558
MLCC, 1206, Y5V, 16 V, 1.5 $\mu$ F	MCCA000559
MLCC, 1206, X7R, 16 V, 2.2 $\mu$ F	MCCA000560
MLCC, 1206, Y5V, 16 V, 2.2 $\mu$ F	MCCA000561
MLCC, 1206, Y5V, 16 V, 3.3 $\mu$ F	MCCA000562
MLCC, 1206, Y5V, 16 V, 4.7 $\mu$ F	MCCA000563
MLCC, 1206, Y5V, 16 V, 10 $\mu$ F	MCCA000564
MLCC, 1206, X7R, 25 V, 1 $\mu$ F	MCCA000565
MLCC, 1206, Y5V, 25 V, 1 $\mu$ F	MCCA000566
MLCC, 1206, Y5V, 25 V, 1.5 $\mu$ F	MCCA000567
MLCC, 1206, Y5V, 25 V, 2.2 $\mu$ F	MCCA000568

**Part Number Table**

Description	Part Number
MLCC, 1206, Y5V, 25 V, 4.7 $\mu$ F	MCCA000569
MLCC, 1206, Y5V, 25 V, 10 $\mu$ F	MCCA000570
MLCC, 1206, X7R, 50 V, 1 $\mu$ F	MCCA000571
MLCC, 1206, Y5V, 50 V, 1 $\mu$ F	MCCA000572
MLCC, 1210, X5R, 6.3 V, 22 $\mu$ F	MCCA000573
MLCC, 1210, X5R, 6.3 V, 100 $\mu$ F	MCCA000574
MLCC, 1210, X5R, 10 V, 10 $\mu$ F	MCCA000575
MLCC, 1210, Y5V, 10 V, 22 $\mu$ F	MCCA000576
MLCC, 1210, X5R, 10 V, 22 $\mu$ F	MCCA000577
MLCC, 1210, X5R, 10 V, 47 $\mu$ F	MCCA000578
MLCC, 1210, X5R, 16 V, 4.7 $\mu$ F	MCCA000579
MLCC, 1210, Y5V, 16 V, 10 $\mu$ F	MCCA000580
MLCC, 1210, X5R, 16 V, 10 $\mu$ F	MCCA000581
MLCC, 1210, Y5V, 16 V, 22 $\mu$ F	MCCA000582
MLCC, 1210, X5R, 16 V, 22 $\mu$ F	MCCA000583
MLCC, 1210, X5R, 25 V, 4.7 $\mu$ F	MCCA000584
MLCC, 1210, Y5V, 25 V, 10 $\mu$ F	MCCA000585
MLCC, 1210, X5R, 25 V, 10 $\mu$ F	MCCA000586
MLCC, 1210, Y5V, 50 V, 4.7 $\mu$ F	MCCA000587
MLCC, 1812, X7R, 100 V, 1 $\mu$ F	MCCA000589
MLCC, 0402, X5R, 6.3 V, 0.22 $\mu$ F	MCCA000498
MLCC, 0402, X5R, 6.3 V, 0.47 $\mu$ F	MCCA000499
MLCC, 0402, X5R, 6.3 V, 1 $\mu$ F	MCCA000500
MLCC, 0402, X5R, 6.3 V, 2.2 $\mu$ F	MCCA000501
MLCC, 0402, X5R, 10 V, 0.056 $\mu$ F	MCCA000502
MLCC, 0402, X5R, 10 V, 0.068 $\mu$ F	MCCA000503
MLCC, 0402, X5R, 10 V, 0.082 $\mu$ F	MCCA000504
MLCC, 0402, X5R, 10 V, 0.1 $\mu$ F	MCCA000505
MLCC, 0402, X5R, 10 V, 1 $\mu$ F	MCCA000506
MLCC, 0402, X5R, 16 V, 0.027 $\mu$ F	MCCA000507
MLCC, 0402, X5R, 16 V, 0.033 $\mu$ F	MCCA000508
MLCC, 0402, X5R, 16 V, 0.039 $\mu$ FF	MCCA000509
MLCC, 0402, X5R, 16V, 0.047UF	MCCA000510
MLCC, 0402, X5R, 16V, 0.068UF	MCCA000511
MLCC, 0402, X5R, 16V, 0.1UF	MCCA000512
MLCC, 0402, X5R, 16V, 0.22UF	MCCA000513
MLCC, 0603, X5R, 6.3V, 0.82UF	MCCA000514
MLCC, 0603, X5R, 6.3V, 1UF	MCCA000515
MLCC, 0603, X5R, 6.3V, 2.2UF	MCCA000516
MLCC, 0603, X5R, 6.3V, 10UF	MCCA000517

## Part Number Table

Description	Part Number
MLCC, 0603, X5R, 10 V, 0.33 $\mu$ F	MCCA000518
MLCC, 0603, X5R, 10 V, 0.47 $\mu$ F	MCCA000519
MLCC, 0603, X5R, 10 V, 0.68 $\mu$ F	MCCA000520
MLCC, 0603, Y5V, 10 V, 1 $\mu$ F	MCCA000521
MLCC, 0603, X5R, 10 V, 1 $\mu$ F	MCCA000522
MLCC, 0603, Y5V, 10 V, 2.2 $\mu$ F	MCCA000523
MLCC, 0603, X5R, 10 V, 2.2 $\mu$ F	MCCA000524
MLCC, 0603, X5R, 16 V, 0.22 $\mu$ F	MCCA000525
MLCC, 0603, X5R, 16 V, 0.33 $\mu$ F	MCCA000526
MLCC, 0603, X5R, 16 V, 0.47 $\mu$ F	MCCA000527
MLCC, 0603, X5R, 16 V, 0.68 $\mu$ F	MCCA000528
MLCC, 0603, X5R, 16 V, 1 $\mu$ F	MCCA000529
MLCC, 0603, Y5V, 16 V, 1 $\mu$ F	MCCA000530
MLCC, 0603, X5R, 25 V, 1 $\mu$ F	MCCA000531
MLCC, 0805, X5R, 6.3 V, 1.5 $\mu$ F	MCCA000532
MLCC, 0805, X5R, 6.3V, 2.2 $\mu$ F	MCCA000533
MLCC, 0805, X5R, 6.3V, 3.3 $\mu$ F	MCCA000534
MLCC, 0805, X5R, 6.3V, 4.7 $\mu$ F	MCCA000535
MLCC, 0805, X5R, 6.3V, 22 $\mu$ F	MCCA000536
MLCC, 0805, X5R, 10 V, 2.2 $\mu$ F	MCCA000537
MLCC, 0805, Y5V, 10 V, 3.3 $\mu$ F	MCCA000538
MLCC, 0805, X5R, 10 V, 3.3 $\mu$ F	MCCA000539
MLCC, 0805, Y5V, 10 V, 4.7 $\mu$ F	MCCA000540
MLCC, 0805, X5R, 10 V, 4.7 $\mu$ F	MCCA000541
MLCC, 0805, Y5V, 10 V, 10 $\mu$ F	MCCA000542
MLCC, 0805, Y5V, 16 V, 1 $\mu$ F	MCCA000543
MLCC, 0805, Y5V, 16 V, 1.5 $\mu$ F	MCCA000544
MLCC, 0805, Y5V, 16 V, 2.2 $\mu$ F	MCCA000545
MLCC, 0805, X5R, 16 V, 2.2 $\mu$ F	MCCA000546
MLCC, 0805, Y5V, 16 V, 4.7 $\mu$ F	MCCA000547
MLCC, 0805, X5R, 16 V, 4.7 $\mu$ F	MCCA000548
MLCC, 0805, Y5V, 25 V, 1 $\mu$ F	MCCA000549
MLCC, 0805, X5R, 25 V, 2.2 $\mu$ F	MCCA000550
MLCC, 0805, X5R, 25 V, 4.7 $\mu$ F	MCCA000551
MLCC, 0805, Y5V, 50 V, 1UF	MCCA000552
MLCC, 1206, X7R, 10 V, 1.5 $\mu$ F	MCCA000553
MLCC, 1206, Y5V, 10 V, 10 $\mu$ F	MCCA000554
MLCC, 1206, Y5V, 10 V, 22 $\mu$ F	MCCA000555
MLCC, 1206, X7R, 16 V, 1 $\mu$ F	MCCA000556
MLCC, 1206, Y5V, 16 V, 1 $\mu$ F	MCCA000557

## Part Number Table

Description	Part Number
MLCC, 1206, X7R, 16 V, 1.5 $\mu$ F	MCCA000558
MLCC, 1206, Y5V, 16 V, 1.5 $\mu$ F	MCCA000559
MLCC, 1206, X7R, 16 V, 2.2 $\mu$ F	MCCA000560
MLCC, 1206, Y5V, 16 V, 2.2 $\mu$ F	MCCA000561
MLCC, 1206, Y5V, 16 V, 3.3 $\mu$ F	MCCA000562
MLCC, 1206, Y5V, 16 V, 4.7 $\mu$ F	MCCA000563
MLCC, 1206, Y5V, 16 V, 10 $\mu$ F	MCCA000564
MLCC, 1206, X7R, 25 V, 1 $\mu$ F	MCCA000565
MLCC, 1206, Y5V, 25 V, 1 $\mu$ F	MCCA000566
MLCC, 1206, Y5V, 25 V, 1.5 $\mu$ F	MCCA000567
MLCC, 1206, Y5V, 25 V, 2.2 $\mu$ FF	MCCA000568
MLCC, 1206, Y5V, 25 V, 4.7 $\mu$ F	MCCA000569
MLCC, 1206, Y5V, 25 V, 10 $\mu$ F	MCCA000570
MLCC, 1206, X7R, 50 V, 1 $\mu$ F	MCCA000571
MLCC, 1206, Y5V, 50 V, 1 $\mu$ F	MCCA000572
MLCC, 1210, X5R, 6.3 V, 22 $\mu$ F	MCCA000573
MLCC, 1210, X5R, 6.3 V, 100 $\mu$ F	MCCA000574
MLCC, 1210, X5R, 10 V, 10 $\mu$ F	MCCA000575
MLCC, 1210, Y5V, 10 V, 22 $\mu$ F	MCCA000576
MLCC, 1210, X5R, 10 V, 22 $\mu$ F	MCCA000577
MLCC, 1210, X5R, 10 V, 47 $\mu$ F	MCCA000578
MLCC, 1210, X5R, 16 V, 4.7 $\mu$ F	MCCA000579
MLCC, 1210, Y5V, 16 V, 10 $\mu$ F	MCCA000580
MLCC, 1210, X5R, 16 V, 10 $\mu$ F	MCCA000581
MLCC, 1210, Y5V, 16 V, 22 $\mu$ F	MCCA000582
MLCC, 1210, X5R, 16 V, 22 $\mu$ F	MCCA000583
MLCC, 1210, X5R, 25 V, 4.7 $\mu$ F	MCCA000584
MLCC, 1210, Y5V, 25 V, 10 $\mu$ F	MCCA000585
MLCC, 1210, Y5V, 50 V, 4.7 $\mu$ F	MCCA000587
MLCC, 1812, X7R, 100 V, 1 $\mu$ F	MCCA000589

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