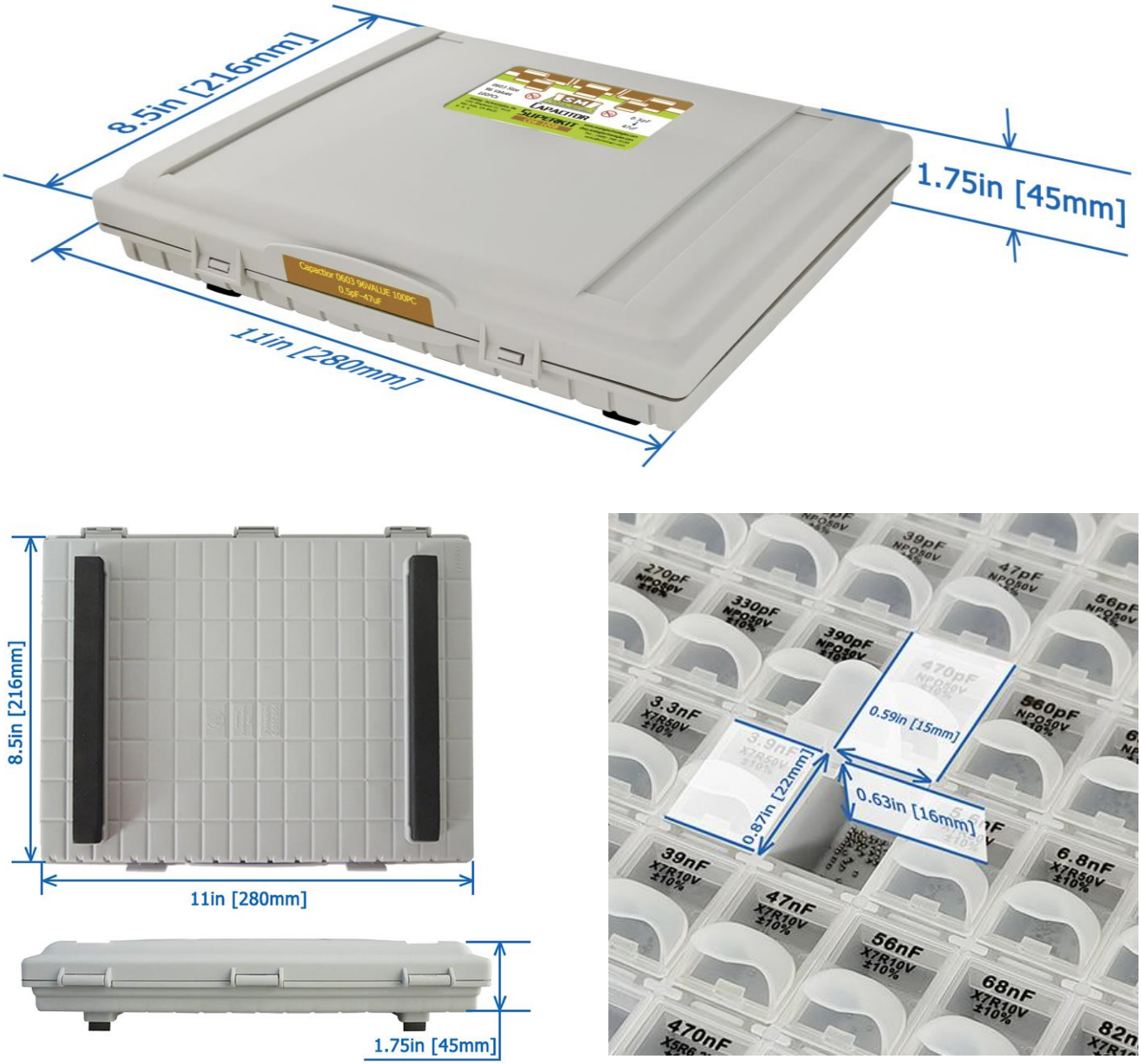

Figure 1. Dimensions

Figure 2A.

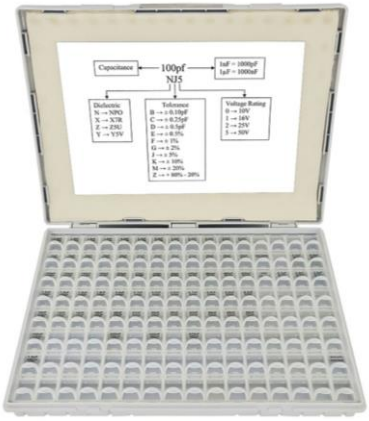

Figure 2B

DESCRIPTION

Introducing our innovative 128-Bin Capacitor Kits, featuring our exclusive Super SMD Enclosure, specially designed with 128 individual lidded and labeled bins to accommodate a diverse range of SMD capacitors of different sizes, values, materials and voltages. In Figure 1 and Figure 2, you can see actual photographs of these kits, complete with detailed dimensions marked for your convenience.

For your easy reference and selection, please consult Table 2, which serves as a comprehensive guide for choosing from various versions of our capacitor kits. In addition, we've included hyperlinks to our online store where you can conveniently purchase these kits. It's important to note that two of these stores are our own, offering competitive prices, while the other two, Amazon and Digikey, reflect higher prices due to the commissions associated with their platforms.

Our capacitor kits are thoughtfully categorized by capacitor size, the number of values per kit, and the quantity of pieces per value. Explore our selection and find the perfect kit to meet your specific needs.

There are 2 generation of capacitor kits. The newest generation, created in 2023, offers more number of values per kit, and some of the capacitors have higher voltage ratings.

The 128-Bin Capacitor Kits have one of these options in capacitor size and number of values:

0402 size 89 values, 0.5pF to 22uF,
±0.25pF or ±5% to ±20%;

0603 size 96 values, 0.5pF to 47uF,
±0.25pF or ±5% to ±20%;

0805 size 91 values, 0.5pF to 100uF,
±0.25pF or ±5% to ±20%;

1206 size 81 values, 1.5pF to 220uF,
±0.25pF or ±5% to ±20%.

When considering the quantity of pieces per value, you can select from four options: 50PCs, 100PCs, 200PCs, and 500PCs. Inside the enclosure, each capacitor is meticulously pre-sorted and individually stored, featuring vital information like capacitance, material, voltage, and tolerance prominently displayed on each lid, as illustrated in Figure 1.

Operating the enclosure is a breeze, ensuring efficient access to the desired capacitor within seconds. These kits offer exceptional versatility, easily finding a place on your workbench, shelf, or for transport to different locations. They prove to be the perfect choice for a wide range of tasks, including prototyping, experimentation with new circuits, or the reworking of printed circuit boards.

For more detailed information:

www.analogtechnologies.com

www.smtzone.com

E-mail us: **sales@analogti.com**

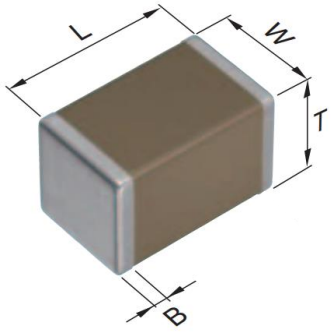

Figure 3. Capacitor Dimensions

Table 1. For outlines, please refer to Figure 3.

Type	L (Body Length)	W (Body Width)	T (Body Height)	B (Terminal Width) Minimum	Unit
0402	0.039 ± 0.002	0.020 ± 0.002	0.020 ± 0.002	0.004	inch
	1.00 ± 0.05	0.50 ± 0.05	0.50 ± 0.05	0.10	mm
0603	0.063 ± 0.004	0.031 ± 0.004	0.031 ± 0.004	0.008	inch
	1.60 ± 0.10	0.80 ± 0.10	0.80 ± 0.10	0.20	mm
0805	0.079 ± 0.008	0.049 ± 0.008	0.049 ± 0.008	0.008	inch
	2.00 ± 0.20	1.25 ± 0.20	1.25 ± 0.20	0.20	mm
1206	0.126 ± 0.008	0.063 ± 0.008	0.063 ± 0.008	0.008	inch
	3.20 ± 0.20	1.60 ± 0.20	1.60 ± 0.20	0.20	mm

Table 2. Selection and Ordering Guide.

Size	**0402**	**0603**	**0805**	**1206**
Values	**89**	**96**	**91**	**81**
Part #	C04-50B	C06-50B	C08-50B	C12-50B
50 PCs/Value	50 PCs/Value	50 PCs/Value	50 PCs/Value	50 PCs/Value
Online Stores	AS SZ a K	AS SZ a K	AS SZ a K	AS SZ a K
Part #	C04-100B	C06-100B	C08-100B	C12-100B
100 PCs/Value	100 PCs/Value	100 PCs/Value	100 PCs/Value	100 PCs/Value
Online Stores	AS SZ a K	AS SZ a K	AS SZ a K	AS SZ a K
Part #	C04-200B	C06-200B	C08-200B	C12-200B
200 PCs/Value	200 PCs/Value	200 PCs/Value	200 PCs/Value	200 PCs/Value
Online Stores	AS SZ a K	AS SZ a K	AS SZ a K	AS SZ a K
Part #	C04-500B	C06-500B	C08-500B	C12-500B
500 PCs/Value	500 PCs/Value	500 PCs/Value	500 PCs/Value	500 PCs/Value
Online Stores	AS SZ a K	AS SZ a K	AS SZ a K	AS SZ a K

Note:

SZ: SMTZone.com, our own online store, no commission fee.

AS: shop.analogtechnologies.com, our own online store, no commission fee.

a: Amazon, 15% higher priced due to commission fee.

K: Digikey, 15% higher priced due to commission fee.

All the capacitors are manufactured by TDK.

Table 3. 0402 Size 89 Value Kits.

	1.0pF NPO ±0.25pF 50V	10pF NPO ±5% 50V	100pF NPO ±5% 50V	1.0nF X7R ±10% 50V	10nF X7R ±10% 50V	100nF X7R ±10% 16V	1.0uF X5R ±10% 10V	10uF X5R ±20% 10V
	1.2pF NPO ±0.25pF 50V	12pF NPO ±5% 50V	120pF NPO ±5% 50V	1.2nF X7R ±10% 50V	12nF X7R ±10% 25V			
	1.5pF NPO ±0.25pF 50V	15pF NPO ±5% 50V	150pF NPO ±5% 50V	1.5nF X7R ±10% 50V	15nF X7R ±10% 25V			
	1.8pF NPO ±0.25pF 50V	18pF NPO ±5% 50V	180pF NPO ±5% 50V	1.8nF X7R ±10% 50V	18nF X7R ±10% 25V			
	2.0pF NPO ±0.25pF 50V							
	2.2pF NPO ±0.25pF 50V	22pF NPO ±5% 50V	220pF X7R ±10% 50V	2.2nF X7R ±10% 50V	22nF X7R ±10% 25V	220nF X5R ±10% 10V	2.2uF X5R ±10% 10V	22uF X5R ±20% 10V
	2.4pF NPO ±0.25pF 50V							
	2.5pF NPO ±0.25pF 50V							
	2.7pF NPO ±0.25pF 50V	27pF NPO ±5% 50V	270pF X7R ±10% 50V	2.7nF X7R ±10% 50V	27nF X7R ±10% 25V			
	3.0pF NPO ±0.25pF 50V							
	3.3pF NPO ±0.25pF 50V	33pF NPO ±5% 50V	330pF X7R ±10% 50V	3.3nF X7R ±10% 50V	33nF X7R ±10% 25V	330nF X5R ±10% 10V	3.3uF X5R ±10% 10V	
	3.6pF NPO ±0.25pF 50V							
	3.9pF NPO ±0.25pF 50V	39pF NPO ±5% 50V	390pF X7R ±10% 50V	3.9nF X7R ±10% 50V	39nF X7R ±10% 25V			
	4.0pF NPO ±0.25pF 50V							
	4.3pF NPO ±0.25pF 50V							
	4.7pF NPO ±0.25pF 50V	47pF NPO ±5% 50V	470pF X7R ±10% 50V	4.7nF X7R ±10% 50V	47nF X7R ±10% 25V	470nF X5R ±10% 10V	4.7uF X5R ±10% 10V	
0.5pF NPO ±0.25pF 50V	5.0pF NPO ±0.25pF 50V							
	5.6pF NPO ±0.25pF 50V	56pF NPO ±5% 50V	560pF X7R ±10% 50V	5.6nF X7R ±10% 50V	56nF X7R ±10% 25V			
0.6pF NPO ±0.25pF 50V	6.0pF NPO ±0.25pF 50V							
	6.8pF NPO ±0.25pF 50V	68pF NPO ±5% 50V	680pF X7R ±10% 50V	6.8nF X7R ±10% 50V	68nF X7R ±10% 25V			
0.7pF NPO ±0.25pF 50V	7.0pF NPO ±0.25pF 50V							
	7.5pF NPO ±0.25pF 50V							
0.8pF NPO ±0.25pF 50V	8.0pF NPO ±0.25pF 50V							
	8.2pF NPO ±0.25pF 50V	82pF NPO ±5% 50V	820pF X7R ±10% 50V	8.2nF X7R ±10% 50V	82nF X7R ±10% 25V			
0.9pF NPO ±0.25pF 50V	9.0pF NPO ±0.25pF 50V							
	9.1pF NPO ±0.25pF 50V							

Table 4. 0603 Size 96 Value Kits.

	1.0pF NPO ±0.25pF 50V	10pF NPO ±0.5pF 50V	100pF NPO ±5% 50V	1.0nF X7R ±10% 50V	10nF X7R ±10% 50V	100nF X7R ±10% 25V	1.0uF X5R ±10% 10V	10uF X5R ±10% 10V
	1.2pF NPO ±0.25pF 50V	12pF NPO ±5% 50V	120pF NPO ±5% 50V	1.2nF X7R ±10% 50V	12nF X7R ±10% 50V	120nF X7R ±10% 25V		
	1.5pF NPO ±0.25pF 50V	15pF NPO ±5% 50V	150pF NPO ±5% 50V	1.5nF X7R ±10% 50V	15nF X7R ±10% 50V	150nF X5R ±10% 16V		
	1.8pF NPO ±0.25pF 50V	18pF NPO ±5% 50V	180pF NPO ±5% 50V	1.8nF X7R ±10% 50V	18nF X7R ±10% 25V	180nF X5R ±10% 16V		
	2.2pF NPO ±0.25pF 50V	22pF NPO ±5% 50V	220pF NPO ±5% 50V	2.2nF X7R ±10% 50V	22nF X7R ±10% 25V	220nF X5R ±10% 16V	2.2uF X5R ±10% 10V	22uF X5R ±20% 10V
	2.4pF NPO ±0.25pF 50V							
	2.5pF NPO ±0.25pF 50V							
	2.7pF NPO ±0.25pF 50V	27pF NPO ±5% 50V	270pF NPO ±5% 50V	2.7nF X7R ±10% 50V	27nF X7R ±10% 25V	270nF X5R ±10% 16V		
	3.0pF NPO ±0.25pF 50V		300pF NPO ±5% 50V					
	3.3pF NPO ±0.25pF 50V	33pF NPO ±5% 50V	330pF NPO ±5% 50V	3.3nF X7R ±10% 50V	33nF X7R ±10% 25V	330nF X5R ±10% 16V	3.3uF X5R ±10% 10V	
	3.6pF NPO ±0.25pF 50V							
	3.9pF NPO ±0.25pF 50V	39pF NPO ±5% 50V	390pF NPO ±5% 50V	3.9nF X7R ±10% 50V	39nF X7R ±10% 25V	390nF X5R ±10% 16V		
	4.0pF NPO ±0.25pF 50V							
	4.3pF NPO ±0.25pF 50V	43pF NPO ±5% 50V	430pF NPO ±5% 50V					
	4.7pF NPO ±0.25pF 50V	47pF NPO ±5% 50V	470pF NPO ±5% 50V	4.7nF X7R ±10% 50V	47nF X7R ±10% 25V	470nF X5R ±10% 16V	4.7uF X5R ±10% 10V	47uF X5R ±20% 10V
0.5pF NPO ±0.25pF 50V	5.0pF NPO ±0.25pF 50V							
	5.6pF NPO ±0.25pF 50V	56pF NPO ±5% 50V	560pF NPO ±5% 50V	5.6nF X7R ±10% 50V	56nF X7R ±10% 25V			
0.6pF NPO ±0.25pF 50V								
	6.2pF NPO ±0.25pF 50V							
	6.8pF NPO ±0.25pF 50V	68pF NPO ±5% 50V	680pF NPO ±5% 50V	6.8nF X7R ±10% 50V	68nF X7R ±10% 25V	680nF X5R ±10% 16V		
0.7pF NPO ±0.25pF 50V								
0.8pF NPO ±0.25pF 50V								
	8.2pF NPO ±0.25pF 50V	82pF NPO ±5% 50V	820pF NPO ±5% 50V	8.2nF X7R ±10% 50V	82nF X7R ±10% 25V	820nF X5R ±10% 16V		
0.9pF NPO ±0.25pF 50V	9.0pF NPO ±0.25pF 50V							
		91pF NPO ±5% 50V						

Table 5. 0805 Size 91 Value Kits.

	1.0pF ±0.25pF	NPO 50V	10pF ±0.5pF	NPO 50V	100pF ±5%	NPO 50V	1.0nF ±5%	NPO 50V	10nF ±10%	X7R 50V	100nF ±10%	X7R 50V	1.0uF ±10%	X7R 25V	10uF ±10%	X5R 10V	100uF ±20%	X5R 10V
	1.2pF ±0.25pF	NPO 50V	12pF ±5%	NPO 50V	120pF ±5%	NPO 50V	1.2nF ±5%	NPO 50V	12nF ±10%	X7R 50V	120nF ±10%	X7R 50V						
	1.5pF ±0.25pF	NPO 50V	15pF ±5%	NPO 50V	150pF ±5%	NPO 50V	1.5nF ±5%	NPO 50V	15nF ±10%	X7R 50V	150nF ±10%	X7R 50V						
	1.8pF ±0.25pF	NPO 50V	18pF ±5%	NPO 50V	180pF ±5%	NPO 50V	1.8nF ±5%	NPO 50V	18nF ±10%	X7R 50V	180nF ±10%	X7R 50V						
	2.2pF ±0.25pF	NPO 50V	22pF ±5%	NPO 50V	220pF ±5%	NPO 50V	2.2nF ±5%	NPO 50V	22nF ±10%	X7R 50V	220nF ±10%	X7R 50V	2.2uF ±10%	X5R 25V	22uF ±20%	X5R 10V		
	2.4pF ±0.25pF	NPO 50V																
	2.7pF ±0.25pF	NPO 50V	27pF ±5%	NPO 50V	270pF ±5%	NPO 50V	2.7nF ±5%	NPO 50V	27nF ±10%	X7R 50V	270nF ±10%	X7R 50V						
	3.0pF ±0.25pF	NPO 50V																
	3.3pF ±0.25pF	NPO 50V	33pF ±5%	NPO 50V	330pF ±5%	NPO 50V	3.3nF ±5%	NPO 50V	33nF ±10%	X7R 50V	330nF ±10%	X7R 50V	3.3uF ±10%	X5R 10V				
	3.6pF ±0.25pF	NPO 50V																
	3.9pF ±0.25pF	NPO 50V	39pF ±5%	NPO 50V	390pF ±5%	NPO 50V	3.9nF ±5%	NPO 50V	39nF ±10%	X7R 50V	390nF ±10%	X7R 50V						
	4.3pF ±0.25pF	NPO 50V			430pF ±5%	NPO 50V												
	4.7pF ±0.25pF	NPO 50V	47pF ±5%	NPO 50V	470pF ±5%	NPO 50V	4.7nF ±10%	X7R 50V	47nF ±10%	X7R 50V	470nF ±10%	X7R 50V	4.7uF ±10%	X5R 10V	47uF ±20%	X5R 10V		
0.5pF ±0.25pF	NPO 50V																	
	5.6pF ±0.25pF	NPO 50V	56pF ±5%	NPO 50V	560pF ±5%	NPO 50V	5.6nF ±10%	X7R 50V	56nF ±10%	X7R 50V	560nF ±10%	X7R 50V						
0.6pF ±0.25pF	NPO 50V																	
	6.8pF ±0.25pF	NPO 50V	68pF ±5%	NPO 50V	680pF ±5%	NPO 50V	6.8nF ±10%	X7R 50V	68nF ±10%	X7R 50V	680nF ±10%	X7R 50V						
0.7pF ±0.25pF	NPO 50V																	
0.8pF ±0.25pF	NPO 50V																	
	8.2pF ±0.25pF	NPO 50V	82pF ±5%	NPO 50V	820pF ±5%	NPO 50V	8.2nF ±10%	X7R 50V	82nF ±10%	X7R 50V	820nF ±10%	X7R 25V						
0.9pF ±0.25pF	NPO 50V	9.0pF ±0.25pF	NPO 50V															

Table 6. 1206 Size 81 Value Kits.

		10pF ±0.5pF	NPO 50V	100pF ±5%	NPO 50V	1.0nF ±5%	NPO 50V	10nF ±10%	X7R 50V	100nF ±10%	X7R 50V	1.0uF ±10%	X7R 25V	10uF ±10%	X5R 10V	100uF ±20%	X5R 10V
		12pF ±5%	NPO 50V	120pF ±5%	NPO 50V	1.2nF ±5%	NPO 50V	12nF ±10%	X7R 50V	120nF ±10%	X7R 50V						
1.5pF ±0.25pF	NPO 50V	15pF ±5%	NPO 50V	150pF ±5%	NPO 50V	1.5nF ±5%	NPO 50V	15nF ±10%	X7R 50V	150nF ±10%	X7R 50V					150uF ±20%	X5R 6.3V
1.8pF ±0.25pF	NPO 50V	18pF ±5%	NPO 50V	180pF ±5%	NPO 50V	1.8nF ±5%	NPO 50V	18nF ±10%	X7R 50V	180nF ±10%	X7R 50V						
2.2pF ±0.25pF	NPO 50V	22pF ±5%	NPO 50V	220pF ±5%	NPO 50V	2.2nF ±5%	NPO 50V	22nF ±10%	X7R 50V	220nF ±10%	X7R 50V	2.2uF ±10%	X5R 25V	22uF ±10%	X5R 10V	220uF ±20%	X5R 6.3V
2.7pF ±0.25pF	NPO 50V	27pF ±5%	NPO 50V	270pF ±5%	NPO 50V	2.7nF ±5%	NPO 50V	27nF ±10%	X7R 50V	270nF ±10%	X7R 50V						
3.3pF ±0.25pF	NPO 50V	33pF ±5%	NPO 50V	330pF ±5%	NPO 50V	3.3nF ±5%	NPO 50V	33nF ±10%	X7R 50V	330nF ±10%	X7R 50V	3.3uF ±10%	X5R 25V				
3.9pF ±0.25pF	NPO 50V	39pF ±5%	NPO 50V	390pF ±5%	NPO 50V	3.9nF ±10%	X7R 50V	39nF ±10%	X7R 50V	390nF ±10%	X7R 50V						
4.7pF ±0.25pF	NPO 50V	47pF ±5%	NPO 50V	470pF ±5%	NPO 50V	4.7nF ±10%	X7R 50V	47nF ±10%	X7R 50V	470nF ±10%	X7R 50V	4.7uF ±10%	X5R 25V	47uF ±10%	X5R 10V		
5.6pF ±0.5pF	NPO 50V	56pF ±5%	NPO 50V	560pF ±5%	NPO 50V	5.6nF ±10%	X7R 50V	56nF ±10%	X7R 50V	560nF ±10%	X7R 50V						
6.8pF ±0.5pF	NPO 50V	68pF ±5%	NPO 50V	680pF ±5%	NPO 50V	6.8nF ±10%	X7R 50V	68nF ±10%	X7R 50V	680nF ±10%	X7R 50V			68uF ±20%	X5R 10V		
8.2pF ±0.5pF	NPO 50V	82pF ±5%	NPO 50V	820pF ±5%	NPO 50V	8.2nF ±10%	X7R 50V	82nF ±10%	X7R 50V	820nF ±10%	X7R 50V						

Table 7. Manufacturer Part Numbers for the Capacitors Found in 0402 Size & 0603 Size Kits

0402 Size 89 Value Kits				0603 Size 96 Value Kits			
Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number
0.5pF	C1005C0G1H0R5C	270pF	C1005X7R1H271K	0.5pF	C1608C0G1H0R5C	390pF	C1608C0G1H391J
0.6pF	C1005C0G1H0R6C	330pF	C1005X7R1H331K	0.6pF	C1608C0G1H0R6C	430pF	C1608C0G1H431J
0.7pF	C1005C0G1H0R7C	390pF	C1005X7R1H391K	0.7pF	C1608C0G1H0R7C	470pF	C1608C0G1H471J
0.8pF	C1005C0G1H0R8C	470pF	C1005X7R1H471K	0.8pF	C1608C0G1H0R8C	560pF	C1608C0G1H561J
0.9pF	C1005C0G1H0R9C	560pF	C1005X7R1H561K	0.9pF	C1608C0G1H0R9C	680pF	C1608C0G1H681J
1.0pF	C1005C0G1H010C	680pF	C1005X7R1H681K	1.0pF	C1608C0G1H010C	820pF	C1608C0G1H821J
1.2pF	C1005C0G1H1R2C	820pF	C1005X7R1H821K	1.2pF	C1608C0G1H1R2C	1.0nF	C1608X7R1H102K
1.5pF	C1005C0G1H1R5C	1.0nF	C1005X7R1H102K	1.5pF	C1608C0G1H1R5C	1.2nF	C1608X7R1H122K
1.8pF	C1005C0G1H1R8C	1.2nF	C1005X7R1H122K	1.8pF	C1608C0G1H1R8C	1.5nF	C1608X7R1H152K
2.0pF	C1005C0G1H2R0C	1.5nF	C1005X7R1H152K	2.2pF	C1608C0G1H2R2C	1.8nF	C1608X7R1H182K
2.2pF	C1005C0G1H2R2C	1.8nF	C1005X7R1H182K	2.4pF	C1608C0G1H2R4C	2.2nF	C1608X7R1H222K
2.4pF	C1005C0G1H2R4C	2.2nF	C1005X7R1H222K	2.5pF	C1608C0G1H2R5C	2.7nF	C1608X7R1H272K
2.5pF	C1005C0G1H2R5C	2.7nF	C1005X7R1H272K	2.7pF	C1608C0G1H2R7C	3.3nF	C1608X7R1H332K
2.7pF	C1005C0G1H2R7C	3.3nF	C1005X7R1H332K	3.0pF	C1608C0G1H3R0C	3.9nF	C1608X7R1H392K
3.0pF	C1005C0G1H3R0C	3.9nF	C1005X7R1H392K	3.3pF	C1608C0G1H3R3C	4.7nF	C1608X7R1H472K
3.3pF	C1005C0G1H3R3C	4.7nF	C1005X7R1H472K	3.6pF	C1608C0G1H3R6C	5.6nF	C1608X7R1H562K
3.6pF	C1005C0G1H3R6C	5.6nF	C1005X7R1H562K	3.9pF	C1608C0G1H3R9C	6.8nF	C1608X7R1H682K
3.9pF	C1005C0G1H3R9C	6.8nF	C1005X7R1H682K	4.0pF	C1608C0G1H4R0C	8.2nF	C1608X7R1H822K
4.0pF	C1005C0G1H4R0C	8.2nF	C1005X7R1H822K	4.3pF	C1608C0G1H4R3C	10nF	C1608X7R1H103K
4.3pF	C1005C0G1H4R3C	10nF	C1005X7R1H103K	4.7pF	C1608C0G1H4R7C	12nF	C1608X7R1H123K
4.7pF	C1005C0G1H4R7C	12nF	C1005X7R1E123K	5.0pF	C1608C0G1H5R0C	15nF	C1608X7R1H153K
5.0pF	C1005C0G1H5R0C	15nF	C1005X7R1E153K	5.6pF	C1608C0G1H5R6C	18nF	C1608X7R1E183K
5.6pF	C1005C0G1H5R6C	18nF	C1005X7R1E183K	6.2pF	C1608C0G1H6R2C	22nF	C1608X7R1E223K
6.0pF	C1005C0G1H6R0C	22nF	C1005X7R1E223K	6.8pF	C1608C0G1H6R8C	27nF	C1608X7R1E273K
6.8pF	C1005C0G1H6R8C	27nF	C1005X7R1E273K	8.2pF	C1608C0G1H8R2C	33nF	C1608X7R1E333K
7.0pF	C1005C0G1H7R0C	33nF	C1005X7R1E333K	9.0pF	C1608C0G1H9R0C	39nF	C1608X7R1E393K
7.5pF	C1005C0G1H7R5C	39nF	C1005X7R1E393K	10pF	C1608C0G1H100D	47nF	C1608X7R1E473K
8.0pF	C1005C0G1H8R0C	47nF	C1005X7R1E473K	12pF	C1608C0G1H120J	56nF	C1608X7R1E563K
8.2pF	C1005C0G1H8R2C	56nF	C1005X7R1E563K	15pF	C1608C0G1H150J	68nF	C1608X7R1E683K
9.0pF	C1005C0G1H9R0C	68nF	C1005X7R1E683K	18pF	C1608C0G1H180J	82nF	C1608X7R1E823K
9.1pF	C1005C0G1H9R1C	82nF	C1005X7R1E823K	22pF	C1608C0G1H220J	100nF	C1608X7R1E104K
10pF	C1005C0G1H100J	100nF	C1005X7R1C104K	27pF	C1608C0G1H270J	120nF	C1608X7R1E124K
12pF	C1005C0G1H120J	220nF	C1005X5R1A224K	33pF	C1608C0G1H330J	150nF	C1608X5R1C154K
15pF	C1005C0G1H150J	330nF	C1005X5R1A334K	39pF	C1608C0G1H390J	180nF	C1608X5R1C184K
18pF	C1005C0G1H180J	470nF	C1005X5R1A474K	43pF	C1608C0G1H430J	220nF	C1608X5R1C224K
22pF	C1005C0G1H220J	1.0uF	C1005X5R1A105K	47pF	C1608C0G1H470J	270nF	C1608X5R1C274K
27pF	C1005C0G1H270J	2.2uF	C1005X5R1A225K	56pF	C1608C0G1H560J	330nF	C1608X5R1C334K
33pF	C1005C0G1H330J	3.3uF	C1005X5R1A335K	68pF	C1608C0G1H680J	390nF	C1608X5R1C394K
39pF	C1005C0G1H390J	4.7uF	C1005X5R1A475K	82pF	C1608C0G1H820J	470nF	C1608X5R1C474K
47pF	C1005C0G1H470J	10uF	C1005X5R1A106M	91pF	C1608C0G1H910J	680nF	C1608X5R1C684K
56pF	C1005C0G1H560J	22uF	C1005X5R1A226M	100pF	C1608C0G1H101J	820nF	C1608X5R1C824K
68pF	C1005C0G1H680J	-	-	120pF	C1608C0G1H121J	1.0uF	C1608X5R1A105K
82pF	C1005C0G1H820J	-	-	150pF	C1608C0G1H151J	2.2uF	C1608X5R1A225K
100pF	C1005C0G1H101J	-	-	180pF	C1608C0G1H181J	3.3uF	C1608X5R1A335K
120pF	C1005C0G1H121J	-	-	220pF	C1608C0G1H221J	4.7uF	C1608X5R1A475K
150pF	C1005C0G1H151J	-	-	270pF	C1608C0G1H271J	10uF	C1608X5R1A106K
180pF	C1005C0G1H181J	-	-	300pF	C1608C0G1H301J	22uF	C1608X5R1A226M
220pF	C1005X7R1H221K	-	-	330pF	C1608C0G1H331J	47uF	C1608X5R1A476M

Table 8. Manufacturer Part Numbers for the Capacitors Found in 0805 Size & 1206 Size Kits

0805 Size 91 Value Kits				1206 Size 81 Value Kits			
Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number	Capacitor	Manufacturer Part Number
0.5pF	C2012C0G1H0R5C	820pF	C2012C0G1H821J	1.5pF	C3216C0G1H1R5C	10nF	C3216X7R1H103K
0.6pF	C2012C0G1H0R6C	1.0nF	C2012C0G1H102J	1.8pF	C3216C0G1H1R8C	12nF	C3216X7R1H123K
0.7pF	C2012C0G1H0R7C	1.2nF	C2012C0G1H122J	2.2pF	C3216C0G1H2R2C	15nF	C3216X7R1H153K
0.8pF	C2012C0G1H0R8C	1.5nF	C2012C0G1H152J	2.7pF	C3216C0G1H2R7C	18nF	C3216X7R1H183K
0.9pF	C2012C0G1H0R9C	1.8nF	C2012C0G1H182J	3.3pF	C3216C0G1H3R3C	22nF	C3216X7R1H223K
1.0pF	C2012C0G1H010C	2.2nF	C2012C0G1H222J	3.9pF	C3216C0G1H3R9C	27nF	C3216X7R1H273K
1.2pF	C2012C0G1H1R2C	2.7nF	C2012C0G1H272J	4.7pF	C3216C0G1H4R7C	33nF	C3216X7R1H333K
1.5pF	C2012C0G1H1R5C	3.3nF	C2012C0G1H332J	5.6pF	C3216C0G1H5R6D	39nF	C3216X7R1H393K
1.8pF	C2012C0G1H1R8C	3.9nF	C2012C0G1H392J	6.8pF	C3216C0G1H6R8D	47nF	C3216X7R1H473K
2.2pF	C2012C0G1H2R2C	4.7nF	C2012X7R1H472K	8.2pF	C3216C0G1H8R2D	56nF	C3216X7R1H563K
2.4pF	C2012C0G1H2R4C	5.6nF	C2012X7R1H562K	10pF	C3216C0G1H100D	68nF	C3216X7R1H683K
2.7pF	C2012C0G1H2R7C	6.8nF	C2012X7R1H682K	12pF	C3216C0G1H120J	82nF	C3216X7R1H823K
3.0pF	C2012C0G1H3R0C	8.2nF	C2012X7R1H822K	15pF	C3216C0G1H150J	100nF	C3216X7R1H104K
3.3pF	C2012C0G1H3R3C	10nF	C2012X7R1H103K	18pF	C3216C0G1H180J	120nF	C3216X7R1H124K
3.6pF	C2012C0G1H3R6C	12nF	C2012X7R1H123K	22pF	C3216C0G1H220J	150nF	C3216X7R1H154K
3.9pF	C2012C0G1H3R9C	15nF	C2012X7R1H153K	27pF	C3216C0G1H270J	180nF	C3216X7R1H184K
4.3pF	C2012C0G1H4R3C	18nF	C2012X7R1H183K	33pF	C3216C0G1H330J	220nF	C3216X7R1H224K
4.7pF	C2012C0G1H4R7C	22nF	C2012X7R1H223K	39pF	C3216C0G1H390J	270nF	C3216X7R1H274K
5.6pF	C2012C0G1H5R6C	27nF	C2012X7R1H273K	47pF	C3216C0G1H470J	330nF	C3216X7R1H334K
6.8pF	C2012C0G1H6R8C	33nF	C2012X7R1H333K	56pF	C3216C0G1H560J	390nF	C3216X7R1H394K
8.2pF	C2012C0G1H8R2C	39nF	C2012X7R1H393K	68pF	C3216C0G1H680J	470nF	C3216X7R1H474K
9.0pF	C2012C0G1H9R0C	47nF	C2012X7R1H473K	82pF	C3216C0G1H820J	560nF	C3216X7R1H564K
10pF	C2012C0G1H100D	56nF	C2012X7R1H563K	100pF	C3216C0G1H101J	680nF	C3216X7R1H684K
12pF	C2012C0G1H120J	68nF	C2012X7R1H683K	120pF	C3216C0G1H121J	820nF	C3216X7R1H824K
15pF	C2012C0G1H150J	82nF	C2012X7R1H823K	150pF	C3216C0G1H151J	1.0uF	C3216X7R1E105K
18pF	C2012C0G1H180J	100nF	C2012X7R1H104K	180pF	C3216C0G1H181J	2.2uF	C3216X5R1E225K
22pF	C2012C0G1H220J	120nF	C2012X7R1H124K	220pF	C3216C0G1H221J	3.3uF	C3216X5R1E335K
27pF	C2012C0G1H270J	150nF	C2012X7R1H154K	270pF	C3216C0G1H271J	4.7uF	C3216X5R1E475K
33pF	C2012C0G1H330J	180nF	C2012X7R1H184K	330pF	C3216C0G1H331J	10uF	C3216X5R1A106K
39pF	C2012C0G1H390J	220nF	C2012X7R1H224K	390pF	C3216C0G1H391J	22uF	C3216X5R1A226K
47pF	C2012C0G1H470J	270nF	C2012X7R1H274K	470pF	C3216C0G1H471J	47uF	C3216X5R1A476K
56pF	C2012C0G1H560J	330nF	C2012X7R1H334K	560pF	C3216C0G1H561J	68uF	C3216X5R1A686M
68pF	C2012C0G1H680J	390nF	C2012X7R1H394K	680pF	C3216C0G1H681J	100uF	C3216X5R1A107M
82pF	C2012C0G1H820J	470nF	C2012X7R1H474K	820pF	C3216C0G1H821J	150uF	C3216X5R0J157M
100pF	C2012C0G1H101J	560nF	C2012X7R1H564K	1.0nF	C3216C0G1H102J	220uF	C3216X5R0J227M
120pF	C2012C0G1H121J	680nF	C2012X7R1H684K	1.2nF	C3216C0G1H122J	-	-
150pF	C2012C0G1H151J	820nF	C2012X7R1E824K	1.5nF	C3216C0G1H152J	-	-
180pF	C2012C0G1H181J	1.0uF	C2012X7R1E105K	1.8nF	C3216C0G1H182J	-	-
220pF	C2012C0G1H221J	2.2uF	C2012X5R1E225K	2.2nF	C3216C0G1H222J	-	-
270pF	C2012C0G1H271J	3.3uF	C2012X5R1A335K	2.7nF	C3216C0G1H272J	-	-
330pF	C2012C0G1H331J	4.7uF	C2012X5R1A475K	3.3nF	C3216C0G1H332J	-	-
390pF	C2012C0G1H391J	10uF	C2012X5R1A106K	3.9nF	C3216X7R1H392K	-	-
430pF	C2012C0G1H431J	22uF	C2012X5R1A226M	4.7nF	C3216X7R1H472K	-	-
470pF	C2012C0G1H471J	47uF	C2012X5R1A476M	5.6nF	C3216X7R1H562K	-	-
560pF	C2012C0G1H561J	100uF	C2012X5R1A107M	6.8nF	C3216X7R1H682K	-	-
680pF	C2012C0G1H681J	-	-	8.2nF	C3216X7R1H822K	-	-

DIMENSIONS

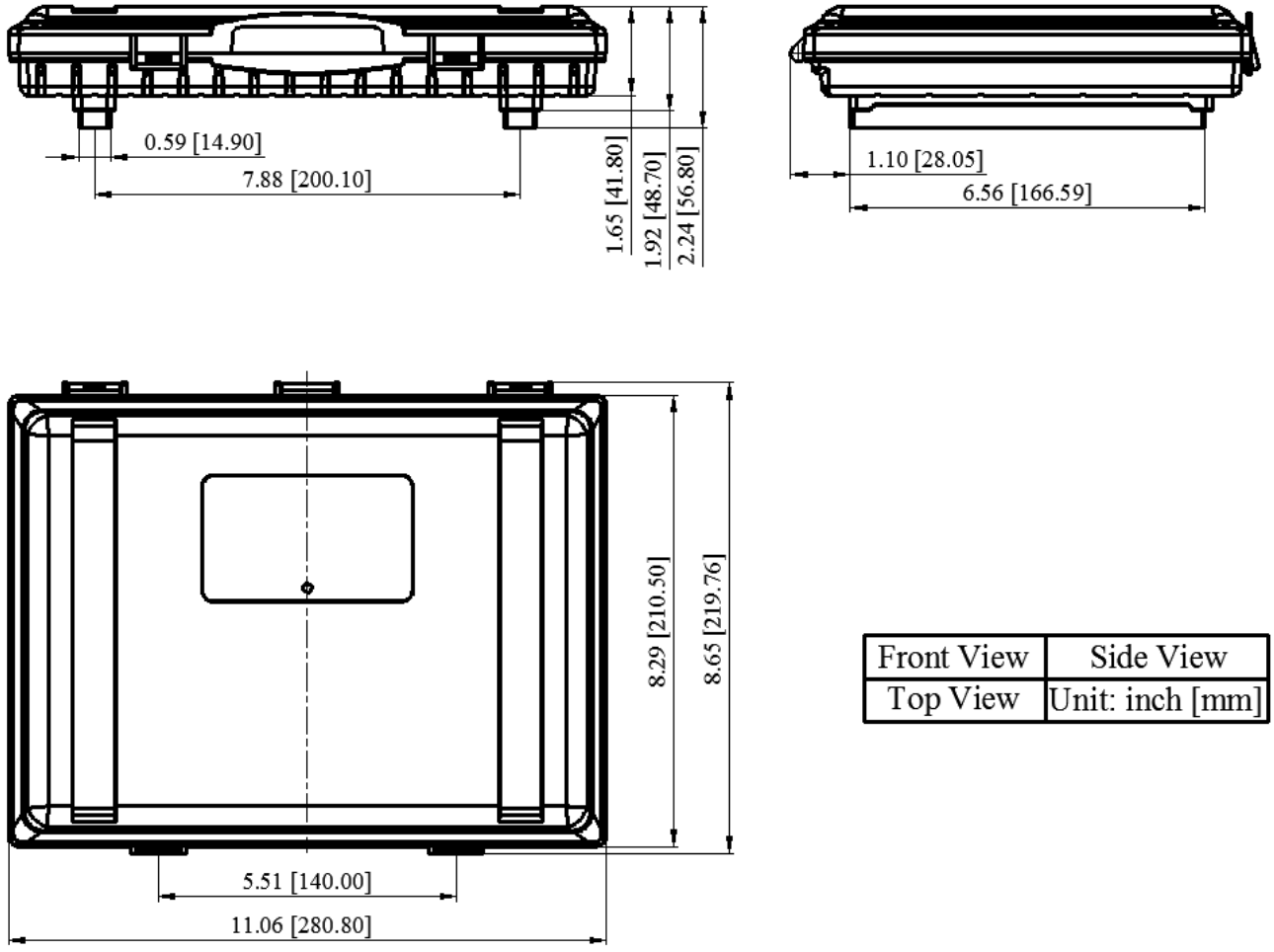

Figure 4. Outlines Dimensions

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