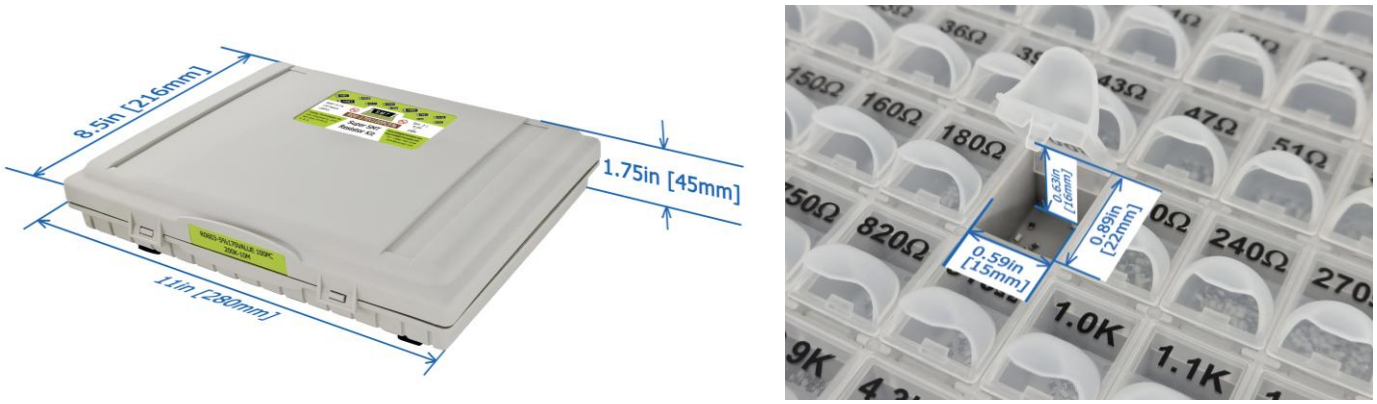


Figure 1. Dimensions



Figure 2A.



Figure 2B.



Figure 2C.



Figure 2D.

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DESCRIPTION

By its name, this 128-Bin Resistor Kits use our patented Super Enclosure which has 128 individually lidded and labeled bins for storing up to 128 different types of SMD resistors. Figure 1 shows the Super Enclosure dimensions. Figure 2's shows the photos of the Super Enclosure. Table 3 is the selection guide for different type of kits available in this series and their online purchasing links. The kits are categorized by the size of the resistors, the number of values/kit, and the number of pieces/value. Table 1 shows the specifications of the resistors. Please note that for the 170 value kit, it covers approximately the E-24 series resistance values, implemented by 5% resistors.

Operating the enclosure is easy and convenient so that your time for obtaining a particular resistor is minimized to just seconds.

The kits can easily be placed on a work bench, put on a shelf, or transported to other sites, and are the best choice for building prototypes, doing experiments on new circuits, or reworking printed circuit boards.

For more detailed information:
www.analogtechnologies.com
www.smtzone.com
E-mail us: **staff@analogti.com**

SPECIFICATIONS

Table 1. Characteristics

Type	Power	Operating Temperature Range	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Range	Tolerance	Temperature Coefficient	Jumper Criteria	
									Rated Current	Max. Current
0603	1/10W	−55°C to 155°C	75V	150V	150V	0Ω to 10MΩ 0Ω Jumper < 0.05 Ω	5%	1Ω ≤ R ≤ 10Ω ±200ppm/°C 10Ω < R ≤ 10MΩ ±100ppm/°C	1.0A	2.0A
0805	1/8W	−55°C to 155°C	150V	300V	300V	0Ω to 10MΩ 0Ω Jumper < 0.05 Ω	5%	1Ω ≤ R ≤ 10Ω ±200ppm/°C 10Ω < R ≤ 10MΩ ±100ppm/°C	2.0A	5.0A

Table 2. For outlines, please refer to Figure 3.

Type	L	W	H	I_1	I_2	Unit
0603	0.063 ± 0.004	0.031 ± 0.004	0.018 ± 0.004	0.010 ± 0.006	0.010 ± 0.006	inch
	1.60 ± 0.10	0.80 ± 0.10	0.45 ± 0.10	0.25 ± 0.15	0.25 ± 0.15	mm
0805	0.079 ± 0.004	0.049 ± 0.004	0.020 ± 0.004	0.014 ± 0.008	0.014 ± 0.008	inch
	2.00 ± 0.10	1.25 ± 0.10	0.50 ± 0.10	0.35 ± 0.20	0.35 ± 0.20	mm

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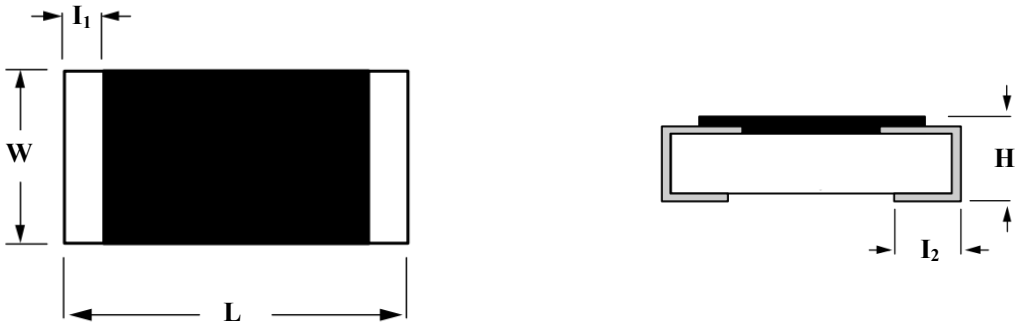
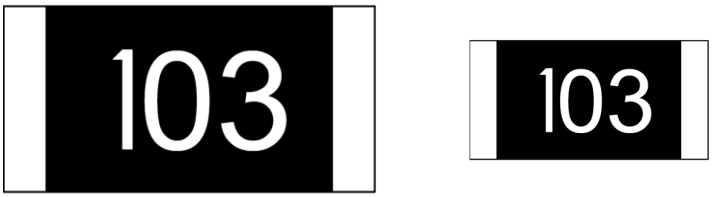


Figure 3. Resistor Dimensions



0805 0603

Figure 4. Resistor Marking Code

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

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

Table 3. Selection Guide for different type of kits available.

Value \ Size	0603	0805
170 Values	R06-170V50PC5%	R08-170V50PC5%
	50PCs/Value	50PCs/Value
	AS SZ	AS SZ
	R06-170V100PC5%	R08-170V100PC5%
	100PCs/Value	100PCs/Value
	AS SZ	AS SZ
	R06-170V200PC5%	
	200PCs/Value	
	AS SZ	

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Table 4. Available Values for 170 Value Kits.

Note: 5% 0603 & 0805 Resistor use 3 digit marking. See Figure 4.

Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking	Resistance	3 Digit Marking
0.00	0														
1.00	1R0	10.0	100	100	101	1.0K	102	10.0K	103	100K	104	1.0M	105	10M	106
1.1	1R1	11.0	110	110	111	1.1K	112	11.0K	113	110K	114	1.1M	115		
1.2	1R2	12.0	120	120	121	1.2K	122	12.0K	123	120K	124	1.2M	125		
1.3	1R3	13.0	130	130	131	1.3K	132	13.0K	133	130K	134	1.3M	135		
1.5	1R5	15.0	150	150	151	1.5K	152	15.0K	153	150K	154	1.5M	155		
1.6	1R6	16.0	160	160	161	1.6K	162	16.0K	163	160K	164	1.6M	165		
1.8	1R8	18.0	180	180	181	1.8K	182	18.0K	183	180K	184	1.8M	185		
2.0	2R0	20.0	200	200	201	2.0K	202	20.0K	203	200K	204	2.0M	205		
2.2	2R2	22.0	220	220	221	2.2K	222	22.0K	223	220K	224	2.2M	225		
2.4	2R4	24.0	240	240	241	2.4K	242	24.0K	243	240K	244	2.4M	245		
2.7	2R7	27.0	270	270	271	2.7K	272	27.0K	273	270K	274	2.7M	275		
3.0	3R0	30.0	300	300	301	3.0K	302	30.0K	303	300K	304	3.0M	305		
3.3	3R3	33.0	330	330	331	3.3K	332	33.0K	333	330K	334	3.3M	335		
3.6	3R6	36.0	360	360	361	3.6K	362	36.0K	363	360K	364	3.6M	365		
3.9	3R9	39.0	390	390	391	3.9K	392	39.0K	393	390K	394	3.9M	395		
4.3	4R3	43.0	430	430	431	4.3K	432	43.0K	433	430K	434	4.3M	435		
4.7	4R7	47.0	470	470	471	4.7K	472	47.0K	473	470K	474	4.7M	475		
5.1	5R1	51.0	510	510	511	5.1K	512	51.0K	513	510K	514	5.1M	515		
5.6	5R6	56.0	560	560	561	5.6K	562	56.0K	563	560K	564	5.6M	565		
6.2	6R2	62.0	620	620	621	6.2K	622	62.0K	623	620K	624	6.2M	625		
6.8	6R8	68.0	680	680	681	6.8K	682	68.0K	683	680K	684	6.8M	685		
7.5	7R5	75.0	750	750	751	7.5K	752	75.0K	753	750K	754	7.5M	755		
8.2	8R2	82.0	820	820	821	8.2K	822	82.0K	823	820K	824	8.2M	825		
9.1	9R1	91.0	910	910	911	9.1K	912	91.0K	913	910K	914	9.1M	915		

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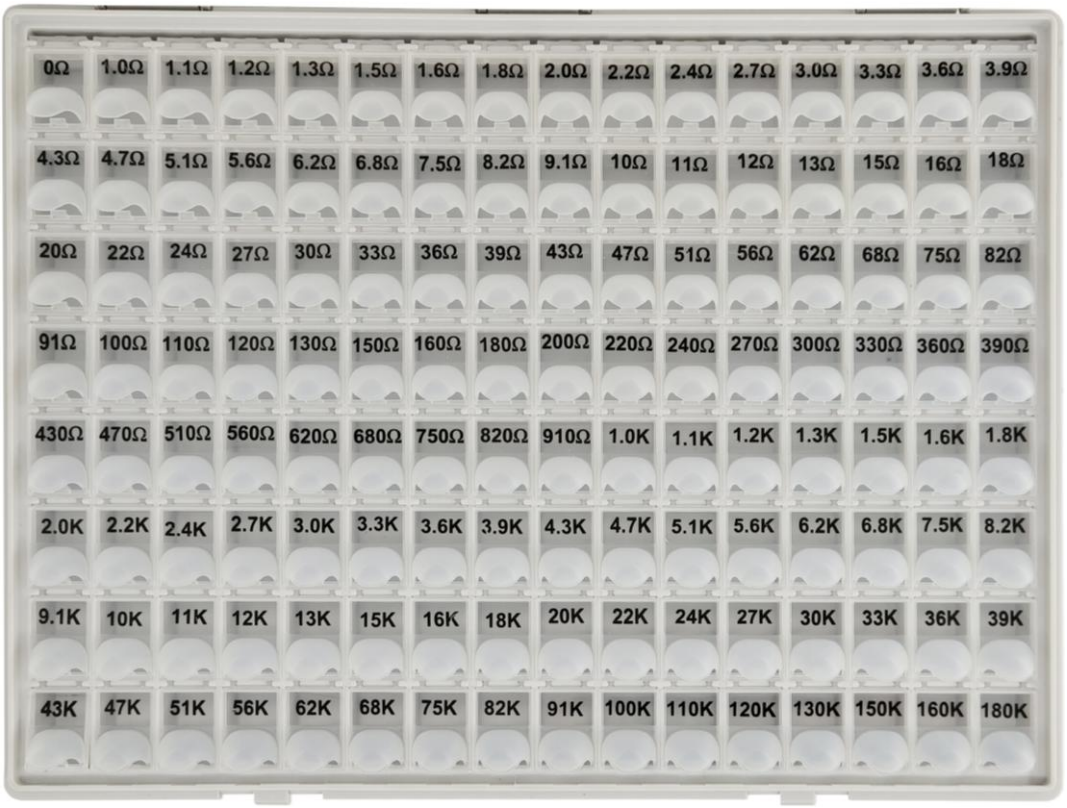


Figure 5. 170 Value Resistor Kit 2−1 Bin Layout

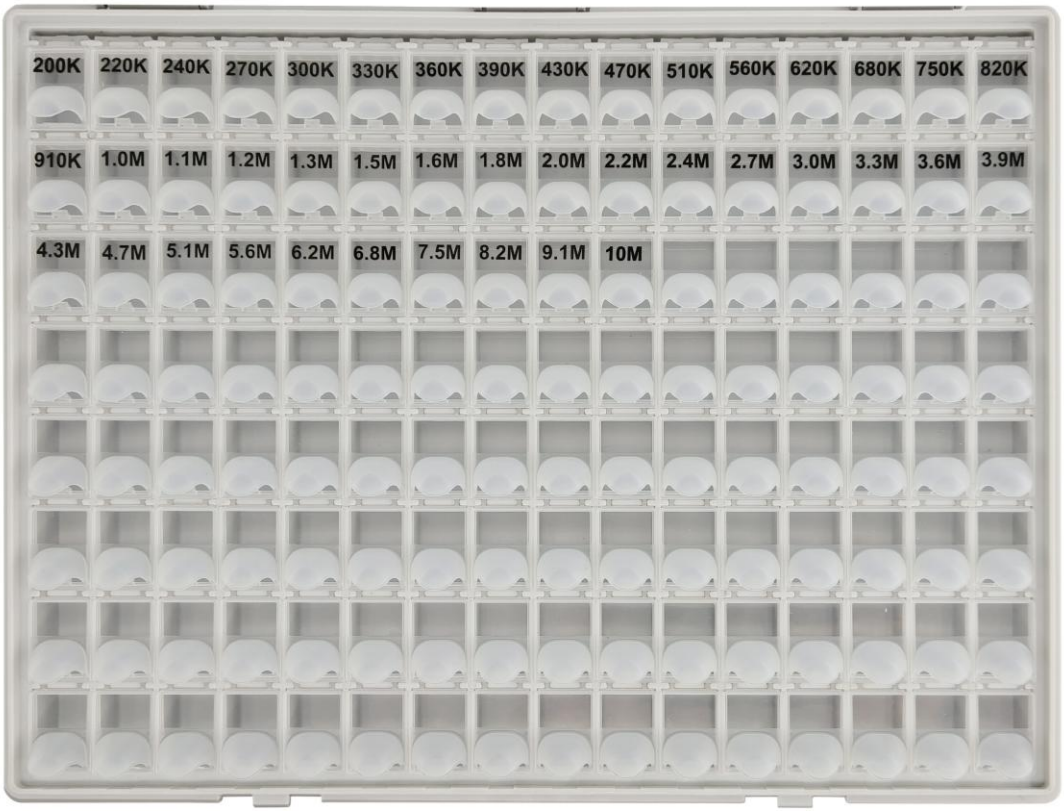


Figure 6. 170 Value Resistor Kit 2−2 Bin Layout

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DIMENSIONS

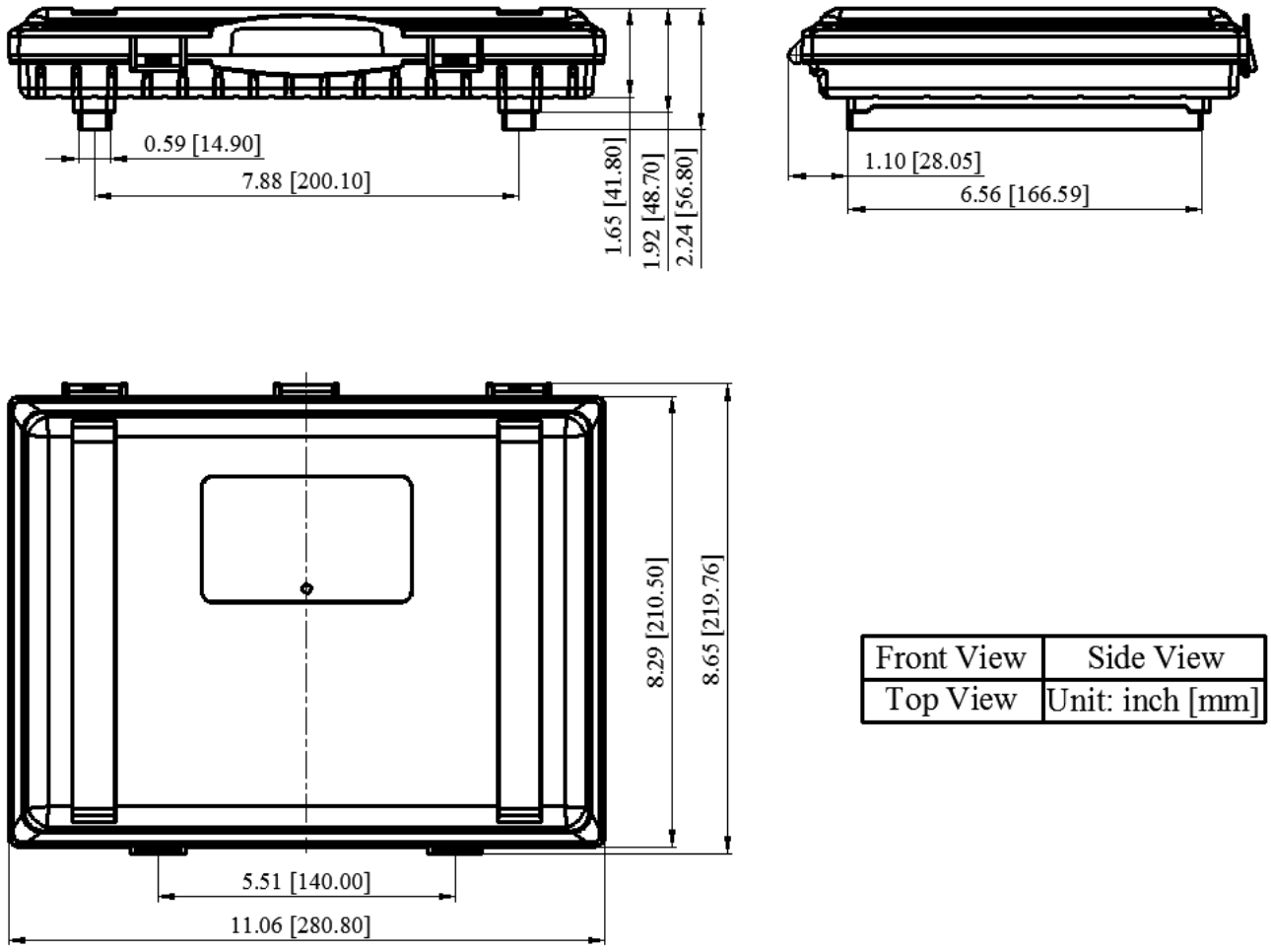


Figure 7. Outlines Dimensions

NOTICE

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