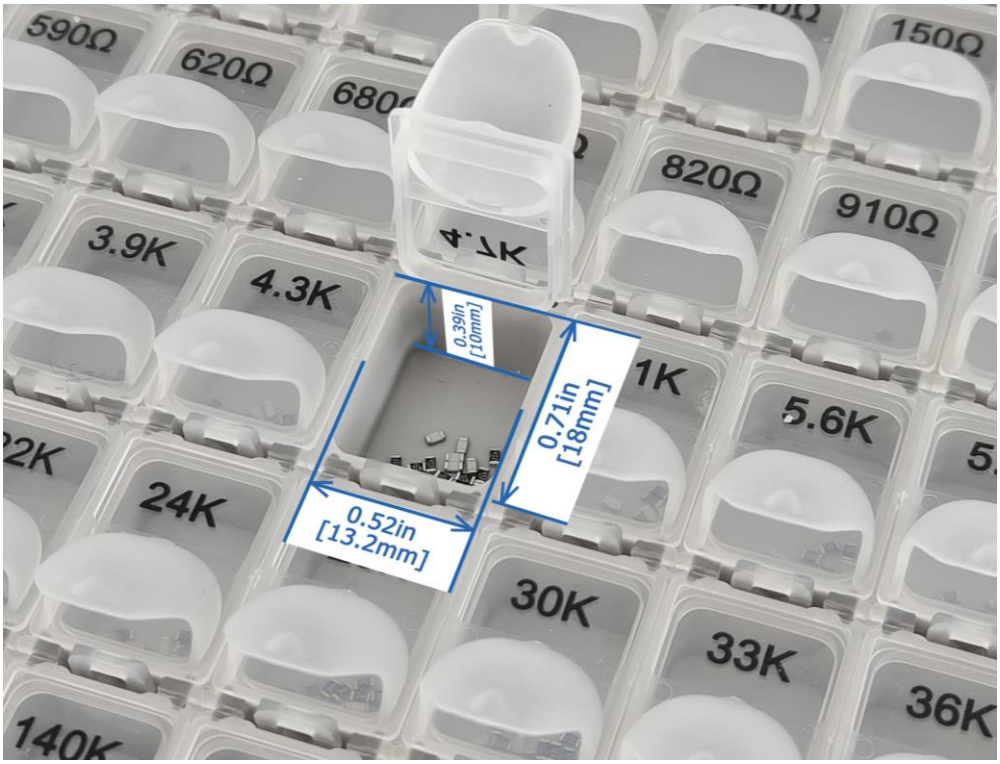

Figure 1. Dimensions

Figure 2A.

Figure 2B.

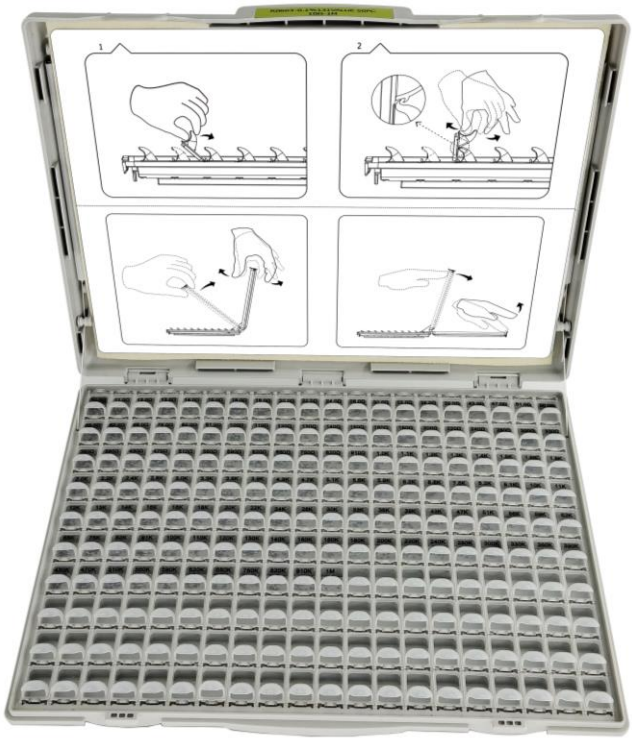

Figure 2C.

DESCRIPTION

By its name, this 200-Bin Resistor Kits use our patented Super Enclosure which has 200 individually lidded and labeled bins for storing up to 200 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. This **200-Bin 0201 Size Resistor Kit™** contains 1% 0201 size SMT resistors of 169 values, see Table 4. The amount of resistors per value: 50PCs, 100PCs, 200PCs, 500PCs, or 1000PCs.

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
0201	1/20W	−55°C to 125°C	25V	50V	50V	0Ω to 10MΩ	1%	1Ω ≤ R ≤ 10Ω −200~600ppm/°C 10Ω < R ≤ 10MΩ ±300ppm/°C 10MΩ < R ≤ 22MΩ ±200ppm/°C	0.5A	1.0A

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

Type	L	W	H	I_1	I_2	Unit
0201	0.024 ± 0.001	0.012 ±0.001	0.009 ±0.001	0.004 ± 0.002	0.006 ± 0.002	inch
	0.60 ± 0.03	0.30 ± 0.03	0.23 ± 0.03	0.10 ± 0.05	0.15 ± 0.05	mm

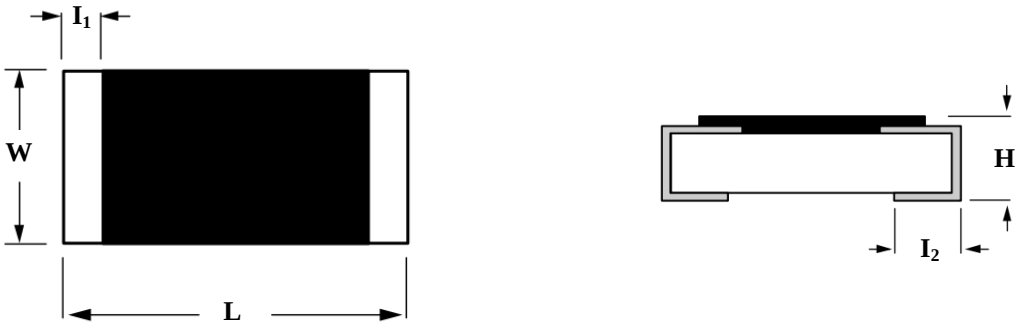

Figure 3. Resistor Dimensions

0201 No Marking

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	0201
169 Values	R02B169V50
	50PCs/Value
	AS SZ
	R02B169V100
	100PCs/Value
	AS SZ
	R02B169V200
	200PCs/Value
	AS SZ
	R02B169V500
	500PCs/Value
	AS SZ
	R02B169V1000
	1000PCs/Value
	AS SZ

Table 4. Available Values for **169 Value Kits**.

0Ω	**1Ω**	**1.1Ω**	**1.2Ω**	**1.3Ω**	**1.5Ω**	**1.8Ω**	**2Ω**	**2.2Ω**	**2.49Ω**	**2.7Ω**	**3Ω**	**3.3Ω**	**3.6Ω**	**4.02Ω**	**4.3Ω**	**4.7Ω**	**4.99Ω**	**5.6Ω**	**6.2Ω**
6.8Ω	**7.5Ω**	**8.2Ω**	**9.1Ω**	**10Ω**	**11Ω**	**12Ω**	**13Ω**	**15Ω**	**16.5Ω**	**18Ω**	**20Ω**	**22Ω**	**24.9Ω**	**27Ω**	**30Ω**	**33Ω**	**36Ω**	**40.2Ω**	**43Ω**
47Ω	**49.9Ω**	**56Ω**	**62Ω**	**68Ω**	**75Ω**	**82Ω**	**91Ω**	**100Ω**	**110Ω**	**120Ω**	**130Ω**	**150Ω**	**165Ω**	**180Ω**	**200Ω**	**220Ω**	**249Ω**	**270Ω**	**300Ω**
330Ω	**360Ω**	**402Ω**	**430Ω**	**470Ω**	**499Ω**	**560Ω**	**620Ω**	**680Ω**	**750Ω**	**820Ω**	**910Ω**	**1K**	**1.1K**	**1.2K**	**1.3K**	**1.5K**	**1.65K**	**1.8K**	**2K**
2.2K	**2.49K**	**2.7K**	**3K**	**3.3K**	**3.6K**	**4.02K**	**4.3K**	**4.7K**	**4.99K**	**5.6K**	**6.2K**	**6.8K**	**7.5K**	**8.2K**	**9.1K**	**10K**	**11K**	**12K**	**13K**
15K	**16.5K**	**18K**	**20K**	**22K**	**24.9K**	**27K**	**30K**	**33K**	**36K**	**40.2K**	**43K**	**47K**	**49.9K**	**56K**	**62K**	**68K**	**75K**	**82K**	**91K**
100K	**110K**	**120K**	**130K**	**150K**	**165K**	**180K**	**200K**	**220K**	**249K**	**270K**	**300K**	**330K**	**360K**	**402K**	**430K**	**470K**	**499K**	**560K**	**620K**
680K	**750K**	**820K**	**910K**	**1M**	**1.1M**	**1.2M**	**1.3M**	**1.5M**	**1.65M**	**1.8M**	**2M**	**2.2M**	**2.49M**	**2.7M**	**3M**	**3.3M**	**3.6M**	**4.02M**	**4.3M**
4.7M	**4.99M**	**5.6M**	**6.2M**	**6.8M**	**7.5M**	**8.2M**	**9.1M**	**10M**											

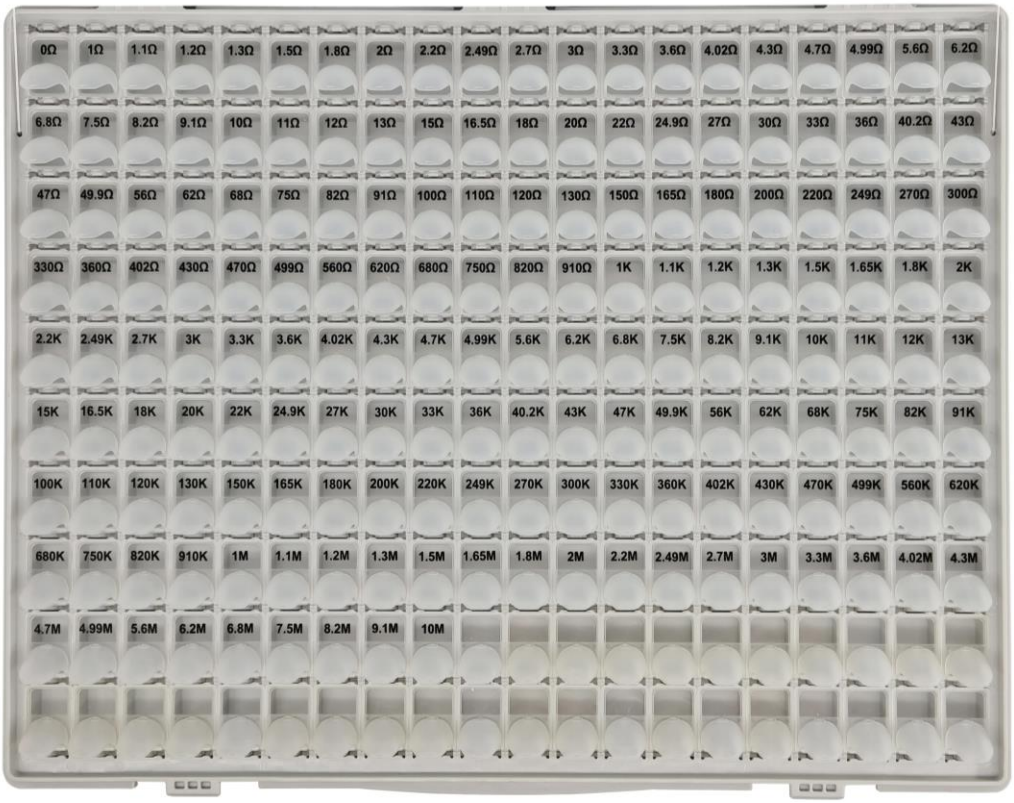

Figure 5. 169 Value Resistor Kit Bin Layout

DIMENSIONS

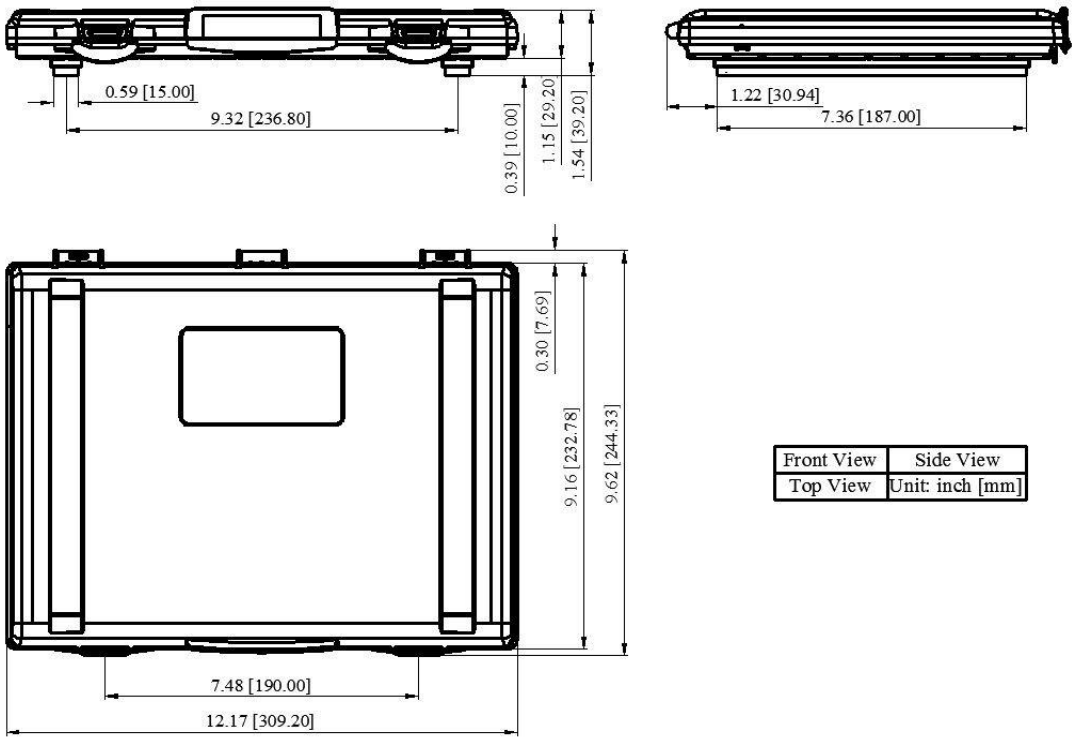

Figure 6. Outlines Dimensions

NOTICE

1. It is important to carefully read and follow the warnings, cautions, and product-specific notes provided with electronic components. These instructions are designed to ensure the safe and proper use of the component and to prevent damage to the component or surrounding equipment. Failure to follow these instructions could result in malfunction or failure of the component, damage to surrounding equipment, or even injury or harm to individuals. Always take the necessary precautions and seek professional assistance if unsure about proper use or handling of electronic components.
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