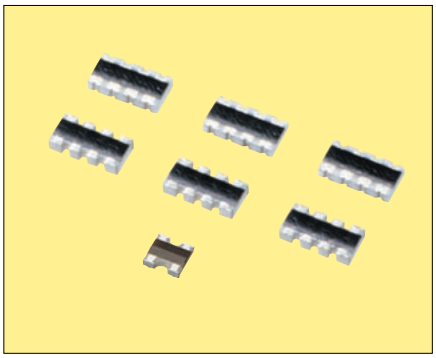


RoHS Compliant

Miniature chip resistor arrays have 4 and 2 resistor elements integrated as a single component.

Features

- Miniture (2.0×1.0mm) Resistor Arrays
  Max 60% space saving compared with the use of standard chip array (3.2×1.6mm)
- 0.5mm Termination pitch (Same as IC lead-pin pitch)
  Easy designing of pattern layout and improve electrical characteristics for curcuit

＊Please consult combination of different resistance type.

How to Order

CRB2A 4E 103 J T
① ② ③ ④ ⑤

①Series(CRB2A: 2.0×1.0mm, concave termination, 4elements)
(CRC2A: 2.0×1.0mm, convex termination, 4elements)
(CRC11A: 1.0×1.0mm, convex termination, 2elements)
②Number of elements(4E: 4 elements)
(2E: 2 elements)
③Resistance Value(3 digits numbering)
472 = 4.7kΩ, 103 = 10kΩ
000 = 0Ω(Chip Jumper Array)
④Tolerance

J	±5%	**Blank**	Chip Jumper Array

⑤Packaging

Code	**Style**	**Form**	**Material**	**Packing unit**
H	**CRC11A**	Taping	Paper	10000pcs/reel
T	CRB2A/CRC2A	Taping	Paper	10000pcs/reel

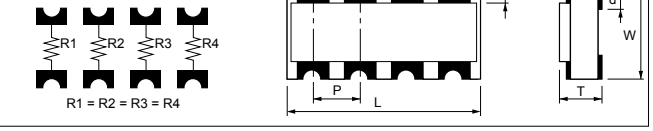
(*2mm pitch taping)

• 4 element chip Resistors Array — CRB2A4E series (Concave Termination) / CRC2A4E series (Convex Termination)
• 2 element chip Resistors Array — CRC11A2E series (Convex Termination)

Dimensions

(Unit : mm)

CRB2A4E series

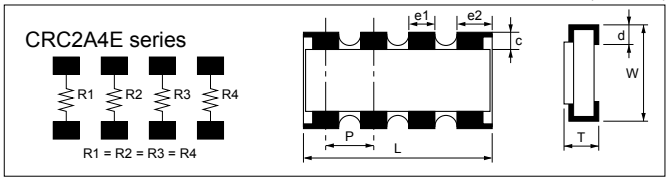


Code	L	W	T	P	b
Dimensions	2.0 $^{+0.10}_{-0.10}$	1.0 $^{+0.10}_{-0.10}$	0.4 $^{+0.10}_{-0.10}$	0.5typ	ϕ0.15typ
Code	**c**	**d**	**e**		
Dimensions	0.2 $^{+0.15}_{-0.15}$	0.25 $^{+0.15}_{-0.15}$	0.25typ		

• Non-marking on chips

(Unit : mm)

CRC2A4E series

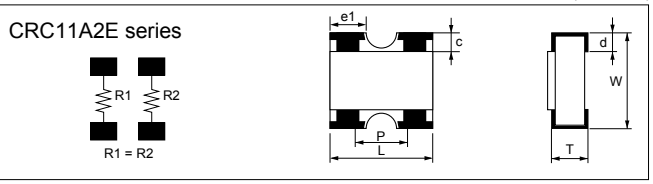


Code	L	W	T	P
Dimensions	2.0 $^{+0.10}_{-0.10}$	1.0 $^{+0.10}_{-0.10}$	0.4 $^{+0.10}_{-0.10}$	0.5typ
Code	**c**	**d**	**e1**	**e2**
Dimensions	0.15 $^{+0.15}_{-0.15}$	0.25 $^{+0.15}_{-0.15}$	0.3 $^{+0.10}_{-0.10}$	0.4 $^{+0.10}_{-0.10}$

• Non-marking on chips

(Unit : mm)

CRC11A2E series



Code	L	W	T	P
Dimensions	1.00 $^{+0.10}_{-0.10}$	1.00 $^{+0.10}_{-0.10}$	0.35 $^{+0.05}_{-0.05}$	0.65typ
Code	**c**	**d**	**e1**	
Dimensions	0.20 $^{+0.15}_{-0.15}$	0.20 $^{+0.15}_{-0.15}$	0.33 $^{+0.10}_{-0.10}$	

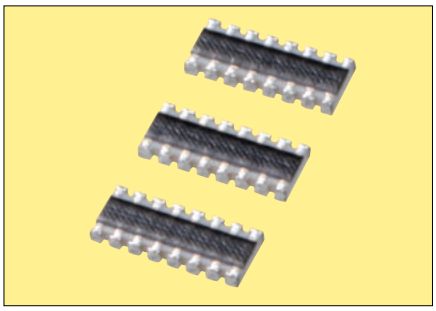
• Non-marking on chips

Rating

Chip resistor arrays		Chip jumper array	
Item	**Rating**	**Item**	**Rating**
Rated power(70°C)	1/32W/element	**Rated current**	1A
Max working ＊ voltage	25V		
Max Over-load voltage	50V		
Resistance value	10Ω to 1MΩ	**Conductive resistance value**	50mΩmax
Tolerance	J : ±5%		
Working Temperature	−55 to +125°C		
Number of elements	4E : 4Elements, 2E : 2Elements		

＊ Rated Voltage : $\sqrt{\text{Rated power} \times \text{Resistance value}}$, whichever is less.
＊ Standard Resistance Value: E-6 Series
＊ Please contact sales engineer for any other requirements of the nominal resistance value and the tolerance.

8 element chip Resistor Array / CRC4A8E series (Convex Termination)



RoHS Compliant

Features

- 0.5mm termination pitch(same as IC lead-pin pitch).
  Easy designing of pattern layout and improve electrical characteristics for circuit.
  3.8mm length of the chip makes the assembly of the next chip possible without changing the pattern pitch.

How to Order

CRC4A ① 8E ② 103 ③ J ④ T ⑤

①Series CRC4A
②Number of elements
8E = 8 elements
③Resistance value
3 digits numbering
④Tolerance

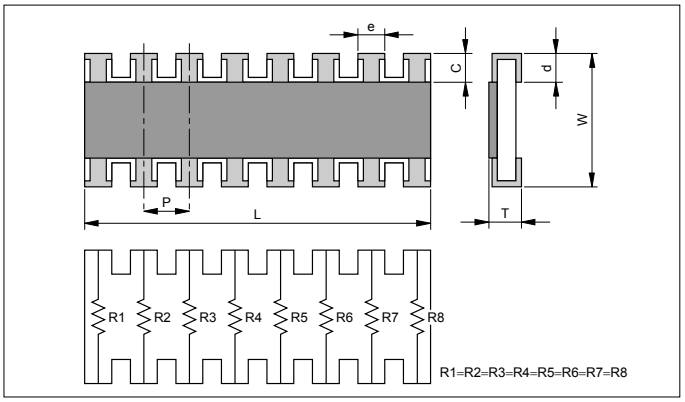
J	±5%

⑤Packaging

T	Taping paper 5,000pcs/reel

Dimensions

(Unit : mm)



Code	Dimensions
L	3.8±0.1
W	1.6±0.1
T	0.45±0.1
P	0.5typ
c	0.3±0.2
d	0.3±0.15
e	0.3±0.1

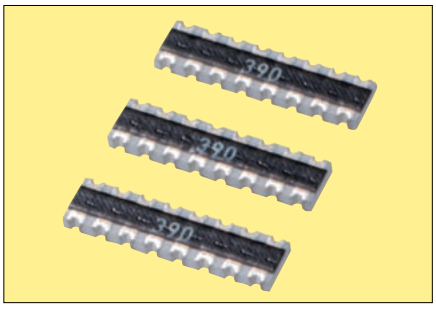
• No marking on chips.

Rating

Chip Resistor Arrays	
Item	**Rating**
Rated power (70°C)	1/16W/element 1/4W/packege
Max working voltage*	25V
Max over-load voltage	50V
Resistance value	10Ω to 1MΩ
Torerance	J:±5%
Working temperature	−55 to +125°C
Number of elements	8E:8elements

* Rated Voltage : $\sqrt{\text{Rated power} \times \text{Resistance value}}$, whichever is less.
* Standard Resistance Value: E-6 Series
* Please contact sales engineer for any other requirements of the nominal resistance value and the tolerance.

8 element chip Resistor Array / CRB6A8E series (Concave Termination)



RoHS Compliant

Features

- Equal length conductors can be traced out from 0.8mm pitch termination.

How to Order

CRB6A ① 8E ② 390 ③ G ④ U ⑤

①Series CRB6A
②Number of elements
8E = 8 elements
③Resistance value
3 digits numbering
④Tolerance

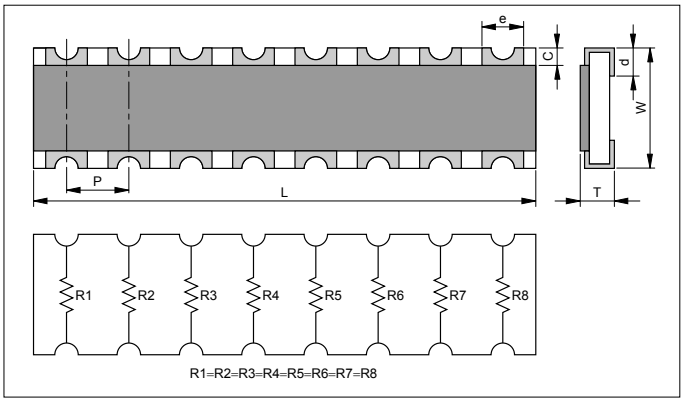
G	±2%	J	±5%

⑤Packaging

U	Taping plastic 4,000pcs/reel

Dimensions

(Unit : mm)



Code	Dimensions
L	6.4±0.2
W	1.6±0.2
T	0.6±0.1
P	0.8typ
c	0.3±0.2
d	0.4±0.15
e (Top side)	0.5±0.1
e (Bottom side)	0.4±0.15

Rating

Chip Resistor Arrays	
Item	**Rating**
Rated power (70°C)	1/16W/element
Max working voltage*	50V
Max over-load voltage	100V
Resistance value	10Ω to 1MΩ
Torerance	G:±2%, J:±5%
Working temperature	−55 to +125°C
Number of elements	8E:8elements

* Rated Voltage : $\sqrt{\text{Rated power} \times \text{Resistance value}}$, whichever is less.
* Standard Resistance Value: E-6 Series
* Please contact sales engineer for any other requirements of the nominal resistance value and the tolerance.