

Using breakthrough technology,
we aim for products that will create new markets.

New Product News

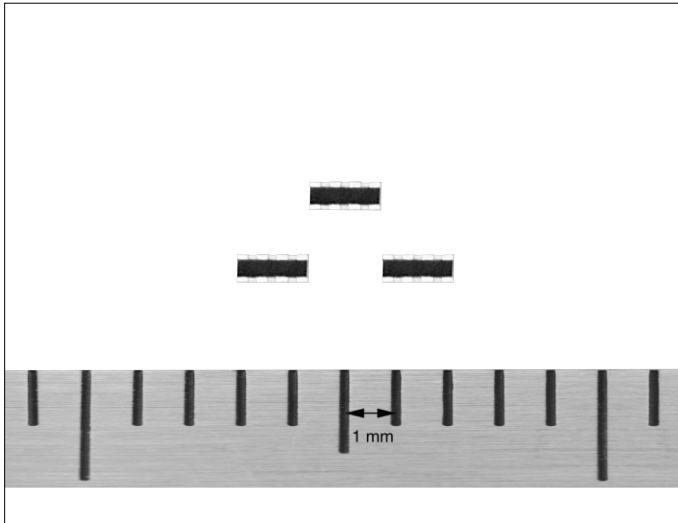
Expansion of products line-up

Chip Resistor Array

0603(0201)×4 Chip Resistor Array (Flat Terminal Type)

Industry/Field: AV,OA/Information, Mobile communication,
Industrial equipment, Amusement

The industry's first Chip Resistor Array with 0603(0201)×4 resistors



• Development Target:

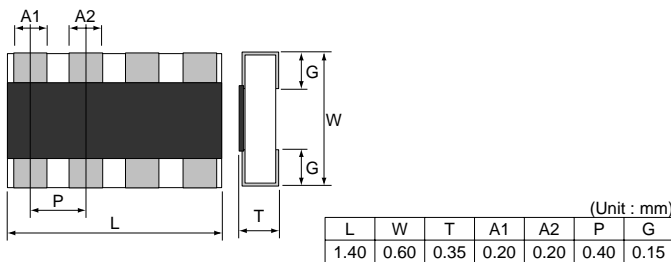
Contribute to the size reduction of small electronic equipment (Mobile phone, HDD, DSC, DVC, etc).

• Features:

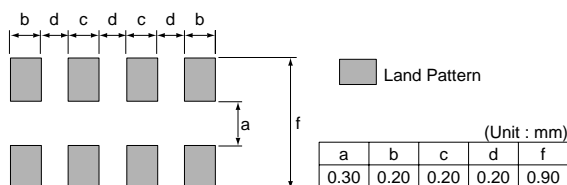
- ① Realizes resistors with the length of 1.4 mm× the width of 0.6 mm and the terminal pitch between electrodes of 0.4 mm
- ② Reduces the number of components needed as well as the mounting time
- ③ Contributes to higher-density mounting and reduction in size of devices by remarkably reducing the space required for mounting on PCB (printed circuit board)

• Number of industrial property rights: 1

• Construction:



Recommended Land Pattern



• Characteristics/specifications:

Part No.	EXB18V
Resistance Range	10Ω to 1MΩ
Resistance Tolerance	±5%
T.C.R.	±200×10 ⁻⁶ /°C(ppm/°C)
Power Rating	0.031W/element (0.1W/package)
Limiting Element Voltage	12.5V
Max. Overload Voltage	25V
Category Temp. Range	-55°C to +125°C

• Applications/usage examples:

- Data bus-line applications (damping resistors, pull-up/pull-down resistors, terminating resistors etc.) used in interface circuits of a variety of equipment (LCD-displays, memory modules etc.)

• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10	11
E	X	B	1	8	V	1	0	3	J	X
Chip Resistor Array			0603(0201)×4 Chip Resistor Array(Flat Terminal)			Resistor Value			Packaging	
									Resistance Tolerance	