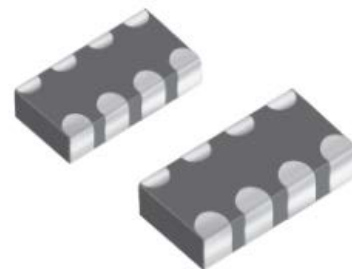




## Chip Array Ferrite Beads

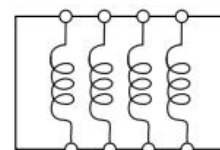
### FEATURES

- Can be used in a wide range of frequency (from dozens of MHz to hundreds of MHz) to suppress EMI
- Has good welding characteristics and heat resistance, suitable for reflow welding
- Monolithic structure, minimize crosstalk between adjacent circuits
- Highly effective in high density applications

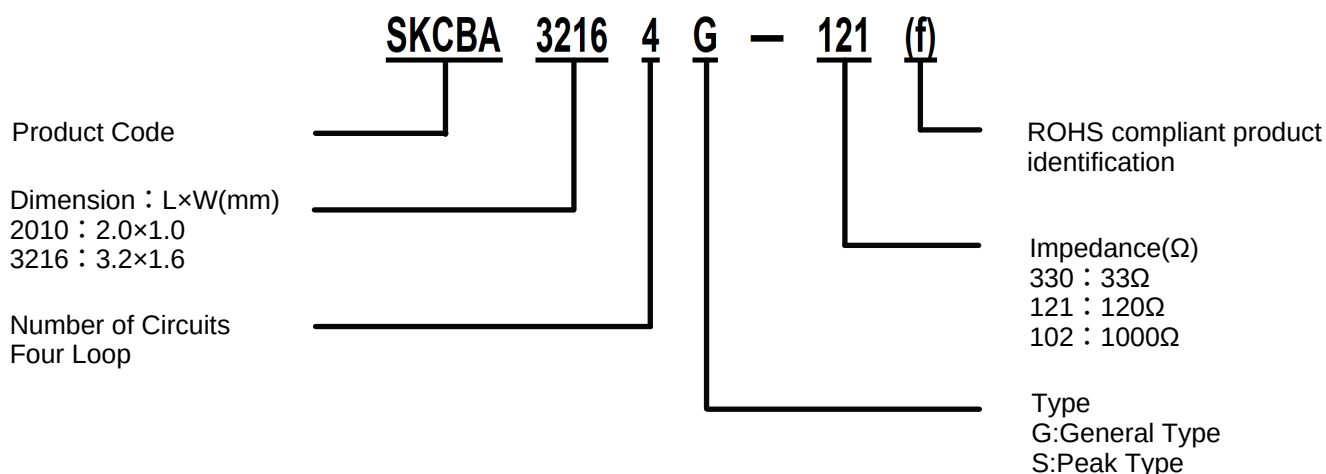


### APPLICATIONS

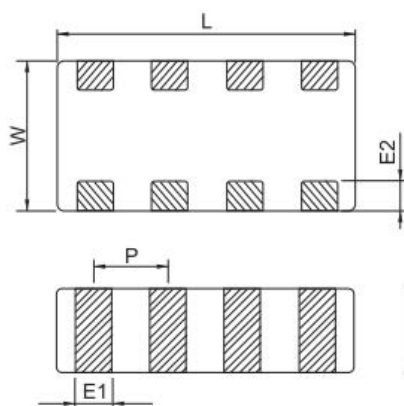
- Noise suppression for low speed signal of electric equipments such as computers and peripheral devices, DVD cameras, LCD TVs, communication equipments, OA equipments, etc.



### PRODUCT IDENTIFICATION

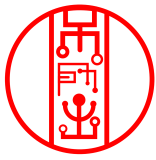


### STANDARD EXTERNAL DIMENSIONS

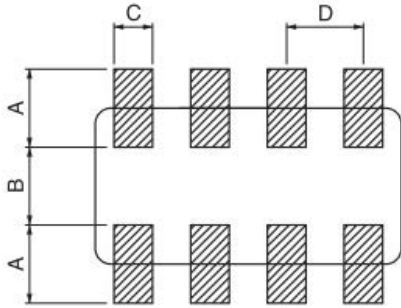


Unit: mm

| specification | dimensions |           |           |                                        |           |           |
|---------------|------------|-----------|-----------|----------------------------------------|-----------|-----------|
|               | L          | W         | T         | E1                                     | E2        | P         |
| SKCBA2010     | 2.00±0.15  | 1.00±0.15 | 0.50±0.10 | 0.25 <sup>+0.15</sup> <sub>-0.10</sub> | 0.25±0.15 | 0.50±0.10 |
| SKCBA3216     | 3.20±0.20  | 1.60±0.20 | 0.80±0.20 | 0.40±0.20                              | 0.30±0.20 | 0.80±0.20 |



## RECOMMENDED PAD SIZE



Unit: mm

| specification | dimensions |      |      |      |
|---------------|------------|------|------|------|
|               | A          | B    | C    | D    |
| SKCBA2010     | 0.60       | 0.50 | 0.35 | 0.50 |
| SKCBA3216     | 0.80       | 0.80 | 0.60 | 0.80 |

## SEPCIFICATIONS

### SKCBA2010 TYPE

| Part Number     | Impedance | Z Test Frequency | Max. DC Resistance | Max. Rated Current | Thickness |
|-----------------|-----------|------------------|--------------------|--------------------|-----------|
| Units           | $\Omega$  | MHz/V            | $\Omega$           | mA                 | mm        |
| Symbol          | Z         | Freq.            | DCR                | I <sub>r</sub>     | T         |
| SKCBA20104S-330 | 33±25%    | 100/0.05         | 0.30               | 100                | 0.50±0.10 |
| SKCBA20104S-470 | 47±25%    | 100/0.05         | 0.40               | 100                |           |
| SKCBA20104S-680 | 68±25%    | 100/0.05         | 0.50               | 100                |           |
| SKCBA20104S-121 | 120±25%   | 100/0.05         | 0.70               | 50                 |           |
| SKCBA20104S-221 | 220±25%   | 100/0.05         | 0.90               | 50                 |           |
| SKCBA20104G-750 | 75±25%    | 100/0.05         | 0.20               | 200                |           |
| SKCBA20104G-121 | 120±25%   | 100/0.05         | 0.30               | 200                |           |
| SKCBA20104G-221 | 220±25%   | 100/0.05         | 0.45               | 100                |           |
| SKCBA20104G-241 | 240±25%   | 100/0.05         | 0.45               | 100                |           |
| SKCBA20104G-331 | 330±25%   | 100/0.05         | 0.55               | 100                |           |
| SKCBA20104G-471 | 470±25%   | 100/0.05         | 0.55               | 100                |           |
| SKCBA20104G-601 | 600±25%   | 100/0.05         | 0.70               | 100                |           |
| SKCBA20104G-102 | 1000±25%  | 100/0.05         | 0.80               | 100                |           |

### SKCBA3216 TYPE

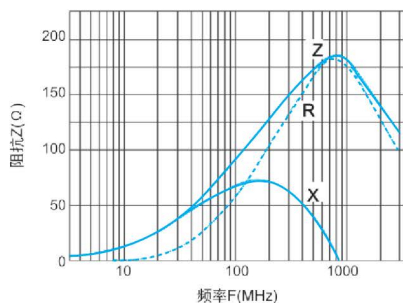
| Part Number     | Impedance | Z Test Frequency | Max. DC Resistance | Max. Rated Current | Thickness |
|-----------------|-----------|------------------|--------------------|--------------------|-----------|
| Units           | $\Omega$  | MHz/V            | $\Omega$           | mA                 | mm        |
| Symbol          | Z         | Freq.            | DCR                | I <sub>r</sub>     | T         |
| SKCBA32164S-330 | 33±25%    | 100/0.05         | 0.15               | 100                | 0.80±0.20 |
| SKCBA32164S-600 | 60±25%    | 100/0.05         | 0.35               | 100                |           |
| SKCBA32164S-900 | 90±25%    | 100/0.05         | 0.40               | 100                |           |
| SKCBA32164S-121 | 120±25%   | 100/0.05         | 0.45               | 50                 |           |
| SKCBA32164S-241 | 240±25%   | 100/0.05         | 0.60               | 50                 |           |
| SKCBA32164S-301 | 300±25%   | 100/0.05         | 0.80               | 200                |           |
| SKCBA32164G-600 | 60±25%    | 100/0.05         | 0.15               | 200                |           |
| SKCBA32164G-900 | 90±25%    | 100/0.05         | 0.20               | 100                |           |
| SKCBA32164G-121 | 120±25%   | 100/0.05         | 0.30               | 100                |           |
| SKCBA32164G-151 | 150±25%   | 100/0.05         | 0.30               | 100                |           |
| SKCBA32164G-221 | 220±25%   | 100/0.05         | 0.35               | 100                |           |
| SKCBA32164G-331 | 330±25%   | 100/0.05         | 0.45               | 100                |           |
| SKCBA32164G-471 | 470±25%   | 100/0.05         | 0.45               | 100                |           |
| SKCBA32164G-601 | 600±25%   | 100/0.05         | 0.50               | 100                |           |
| SKCBA32164G-102 | 1000±25%  | 100/0.05         | 0.60               | 100                |           |



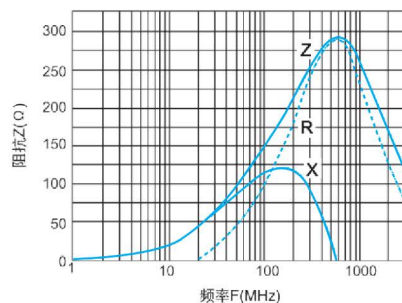
## TYPICAL ELECTRICAL CHARACTERISTICS

### SKCBA32164G TYPE

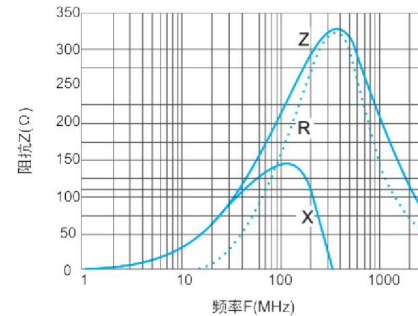
CBA32164G-900



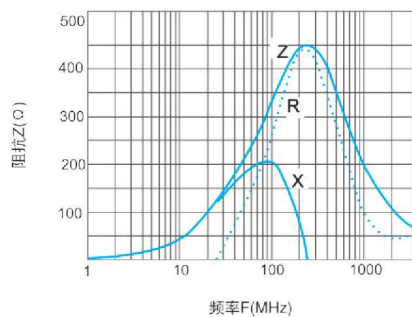
CBA32164G-151



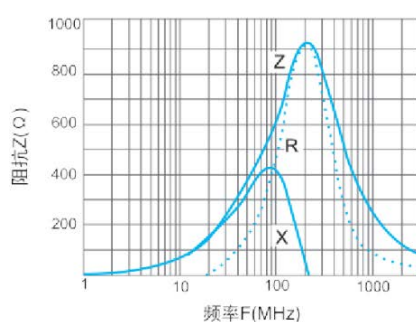
CBA32164G-221



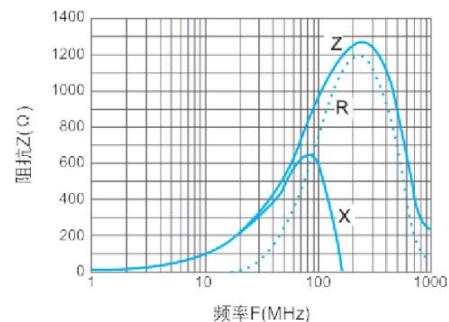
CBA32164G-331



CBA32164G-601

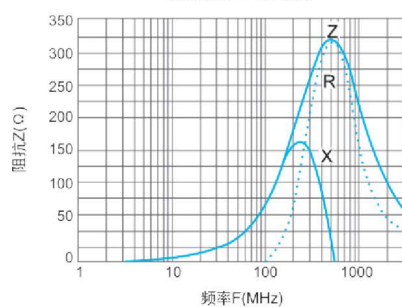


CBA32164G-102

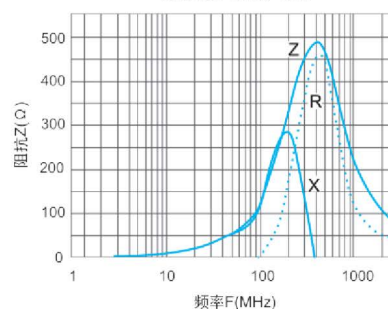


### SKCBA32164S TYPE

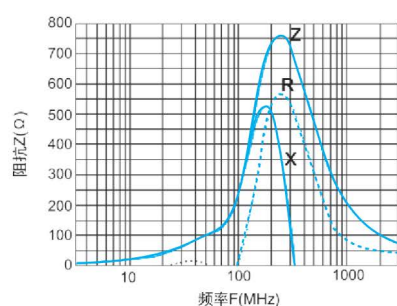
CBA32164S-900



CBA32164S-121



CBA32164S-241



CBA32164S-301

