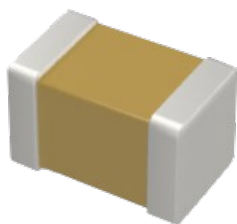


## Part No. CC1206KKX7R0BB104

| 1206 (3216) | X7R | 100 Vdc | 100 nF |  $\pm 10\%$  |

Surface-Mount Ceramic Multilayer Capacitors (RoHS compliant & Halogen Free)

### ■ Appearance



### ■ Dimension (mm)

|               |                 |
|---------------|-----------------|
| L (Length)    | $3.2 \pm 0.30$  |
| W (width)     | $1.6 \pm 0.20$  |
| T (Thickness) | $1.25 \pm 0.20$ |
| L2/L3         | 0.25~0.75       |
| L4            | 1.4             |

### ■ Specification

|                             |                                   |
|-----------------------------|-----------------------------------|
| Application                 | General Purpose                   |
| Case Size (EIA/JIS)         | 1206 (3216)                       |
| Temperature Characteristic  | X7R                               |
| Operation Temp. Range       | -55 to +125°C                     |
| Capacitance                 | 100 nF                            |
| Capacitance Tolerance       | $\pm 10\%$                        |
| Rated Voltage (VDC)         | 100                               |
| Endurance (% Rated voltage) | 200%                              |
| Tan $\delta$ (max)          | 2.5%                              |
| Insulation Resistance (min) | 5.0 G $\Omega$                    |
| Packing                     | Embossed Plastic Tape Reel 7 inch |
| Standard Packing Qty (pcs)  | 3,000                             |
| Test Method                 | IEC-60384                         |

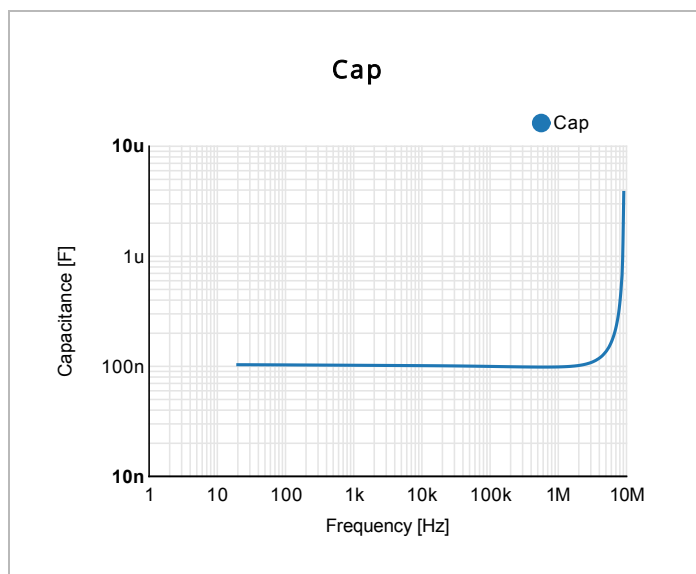
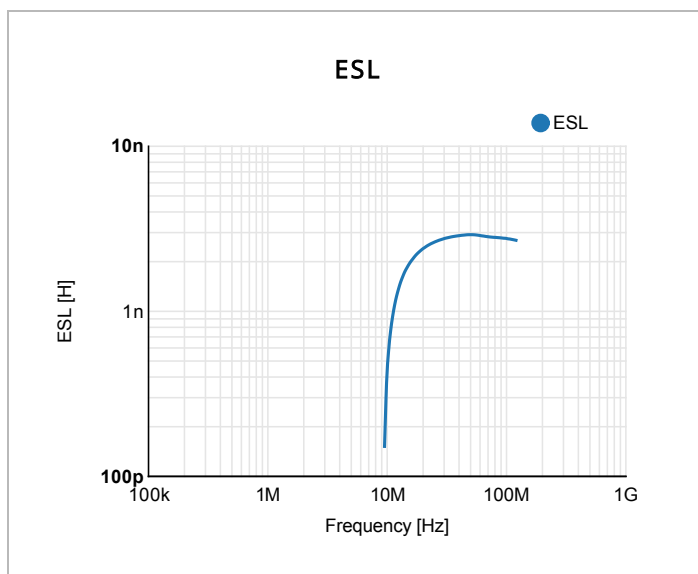
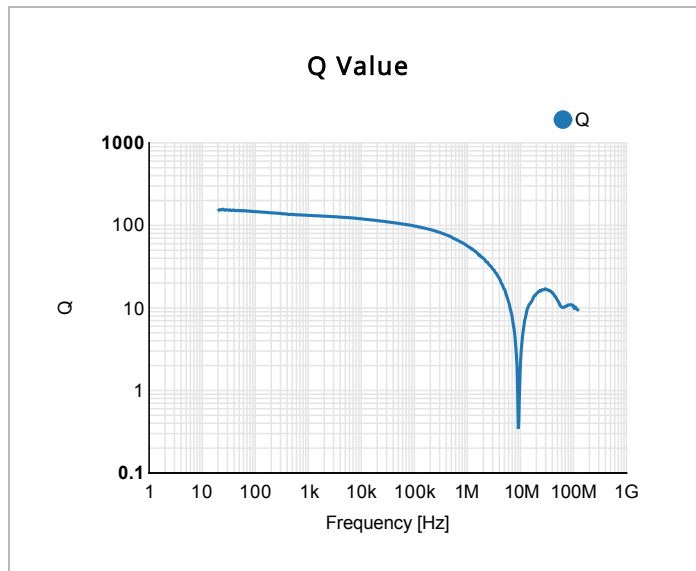
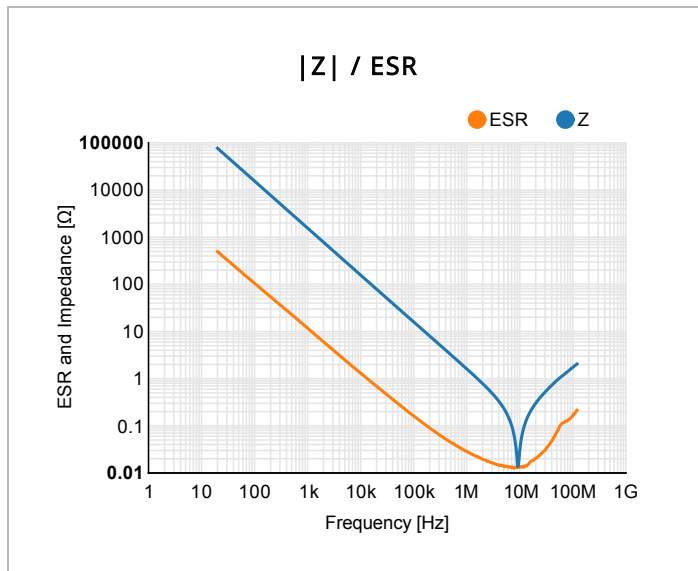
The data are for reference only. Electrical characteristics vary depending on environment or measurement condition.

YAGEO reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.

## Part No. CC1206KKX7R0BB104

| 1206 (3216) | X7R | 100 Vdc | 100 nF |  $\pm 10\%$  |

Surface-Mount Ceramic Multilayer Capacitors (RoHS compliant & Halogen Free)



The data are for reference only. Electrical characteristics vary depending on environment or measurement condition.

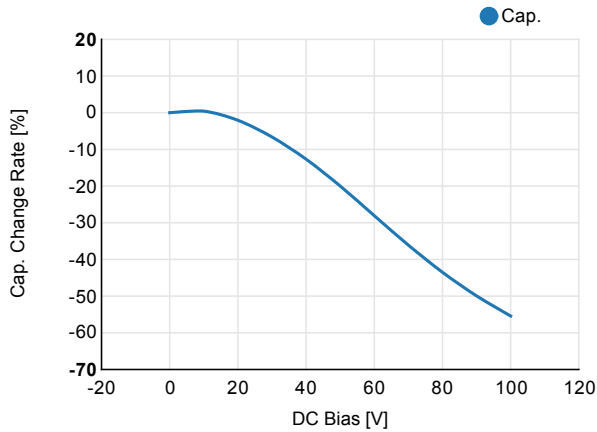
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## Part No. CC1206KKX7R0BB104

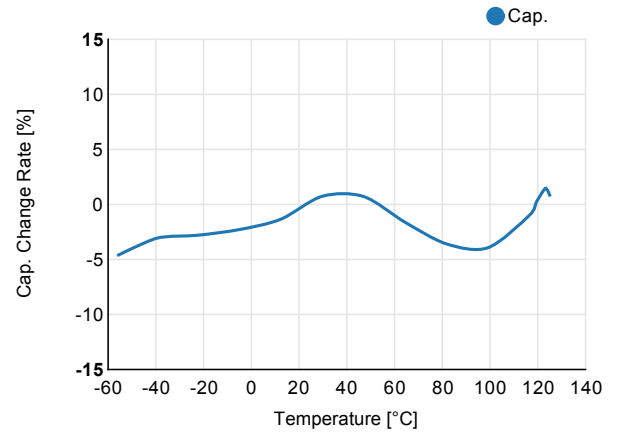
| 1206 (3216) | X7R | 100 Vdc | 100 nF |  $\pm 10\%$  |

Surface-Mount Ceramic Multilayer Capacitors (RoHS compliant & Halogen Free)

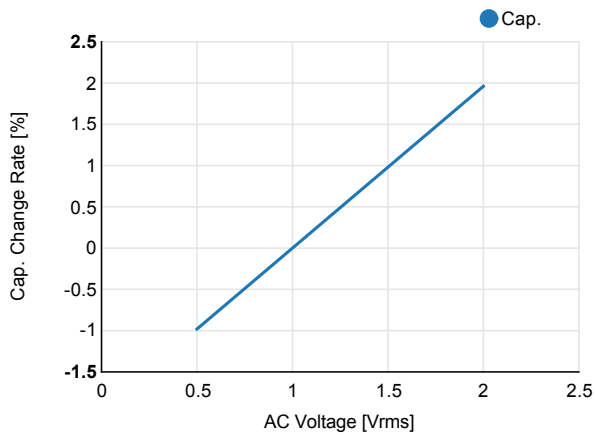
**DC Bias**



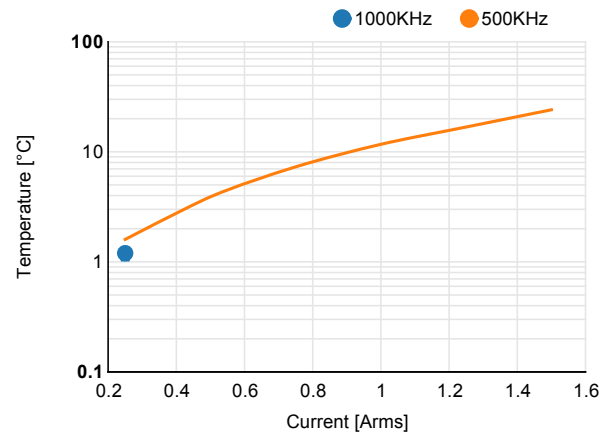
**TCC**



**AC Voltage**



**Ripple Current**



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