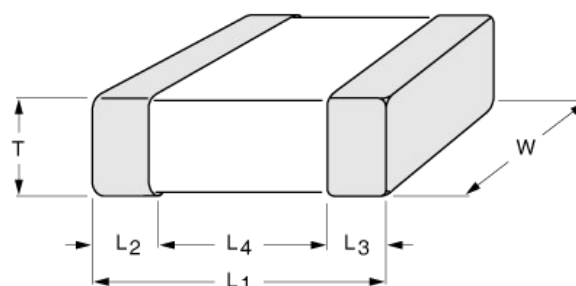


## Part No. AC0603DRNPO9BN8R0

| 0603 (1608) | NPO | 50 Vdc | 8.0 pF |  $\pm 0.5\text{pF}$  |

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

## ■ Appearance



## ■ Dimension (mm)

|               |                 |
|---------------|-----------------|
| L (Length)    | 1.60 $\pm$ 0.10 |
| W (width)     | 0.80 $\pm$ 0.10 |
| T (Thickness) | 0.80 $\pm$ 0.10 |
| L2/L3         | 0.20~0.50       |
| L4            | 0.6             |

## ■ Specification

|                             |                           |
|-----------------------------|---------------------------|
| Application                 | Automotive                |
| Case Size (EIA/JIS)         | 0603 (1608)               |
| Temperature Characteristic  | NPO                       |
| Operation Temp. Range       | -55 to +125°C             |
| Capacitance                 | 8.0 pF                    |
| Capacitance Tolerance       | $\pm 0.5\text{pF}$        |
| Rated Voltage (VDC)         | 50                        |
| Endurance (% Rated voltage) | 200%                      |
| Tan $\delta$ (max)          | 0.18%                     |
| Insulation Resistance (min) | 100.0 G $\Omega$          |
| Packing                     | Paper/PE Tape Reel 7 inch |
| Standard Packing Qty (pcs)  | 4,000                     |
| Test Method                 | AEC Q200                  |

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

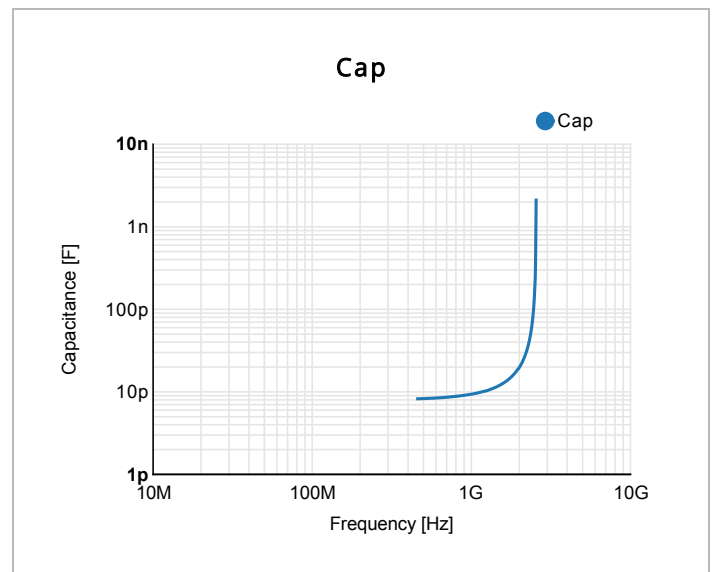
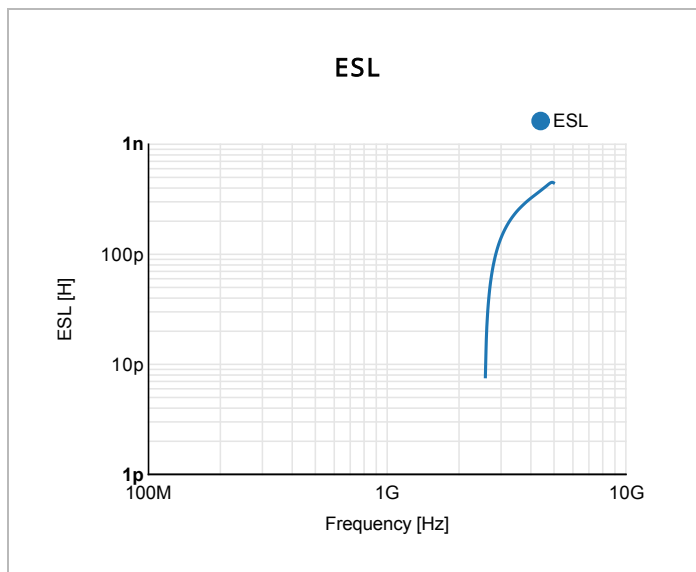
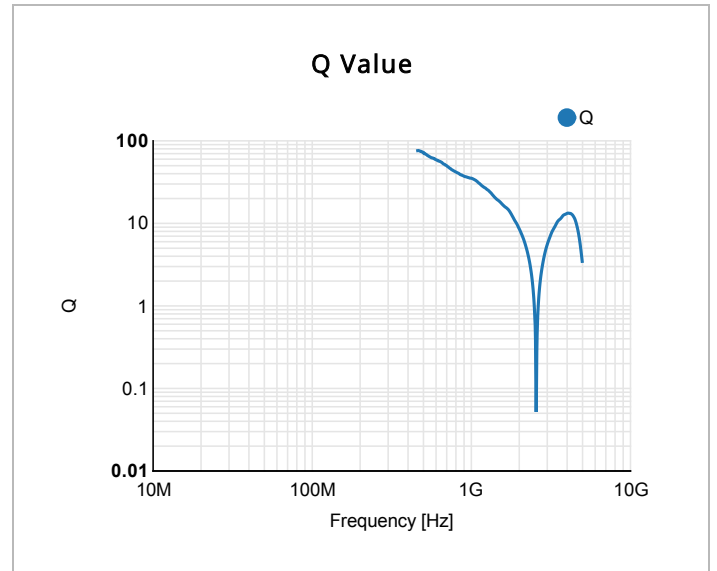
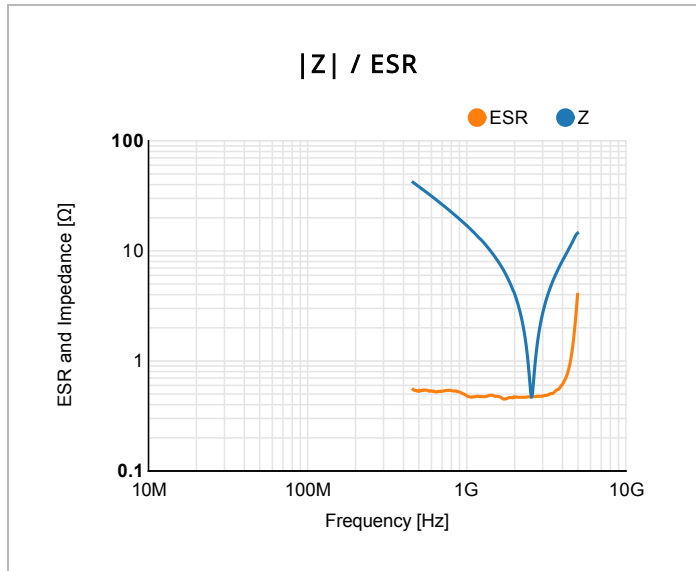
YAGEO reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.



# Part No. AC0603DRNPO9BN8R0

| 0603 (1608) | NPO | 50 Vdc | 8.0 pF |  $\pm 0.5\text{pF}$  |

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



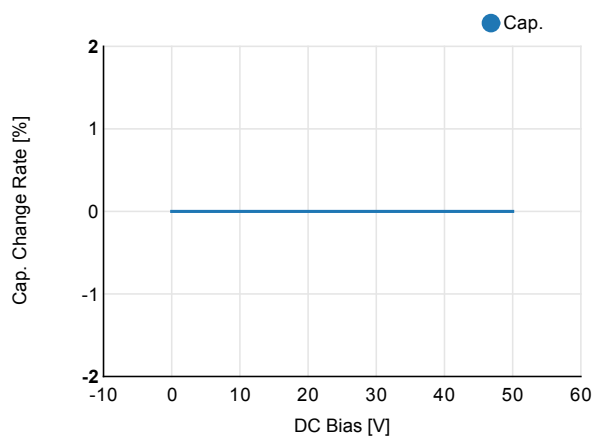
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## Part No. AC0603DRNPO9BN8R0

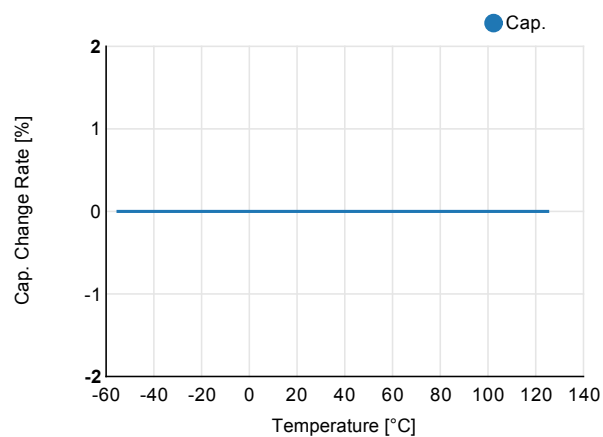
| 0603 (1608) | NPO | 50 Vdc | 8.0 pF |  $\pm 0.5\text{pF}$  |

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

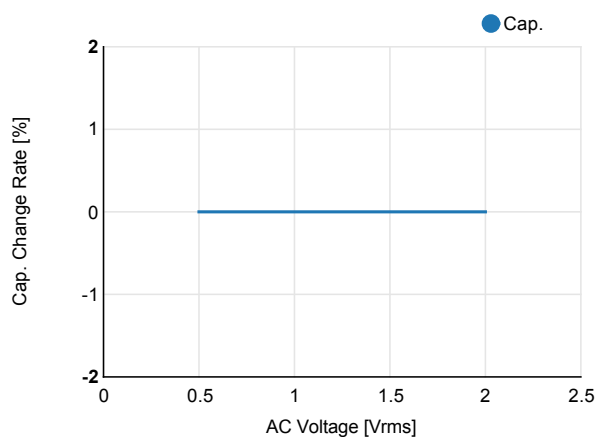
### DC Bias



### TCC



### AC Voltage



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