

Part No. AC0603DRNPO9BN6R0

| 0603 (1608) | NPO | 50 Vdc | 6.0 pF |  $\pm 0.5\text{pF}$  |

Surface-Mount Ceramic Multilayer Capacitors (RoHS compliant & 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                 | 6.0 pF                    |
| Capacitance Tolerance       | $\pm 0.5\text{pF}$        |
| Rated Voltage (VDC)         | 50                        |
| Endurance (% Rated voltage) | 200%                      |
| Tan $\delta$ (max)          | 0.19%                     |
| Insulation Resistance (min) | 100.0 G $\Omega$          |
| Packing                     | Paper/PE Tape Reel 7 inch |
| Standard Packing Qty (pcs)  | 4,000                     |
| Test Method                 | AEC Q200                  |

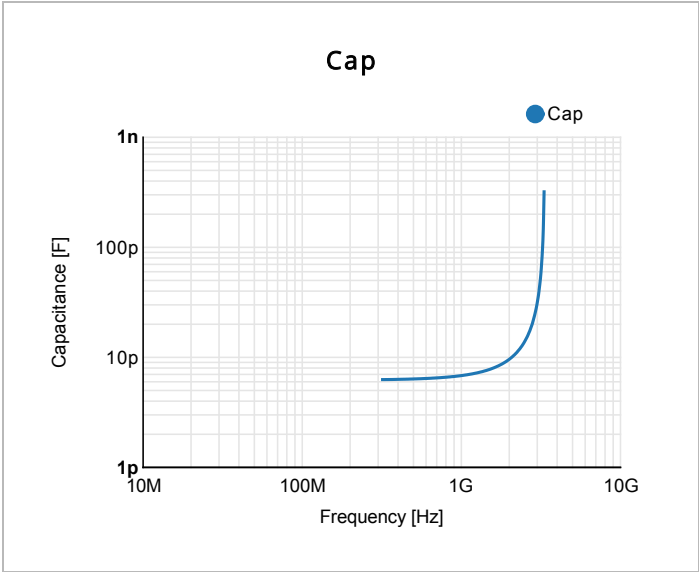
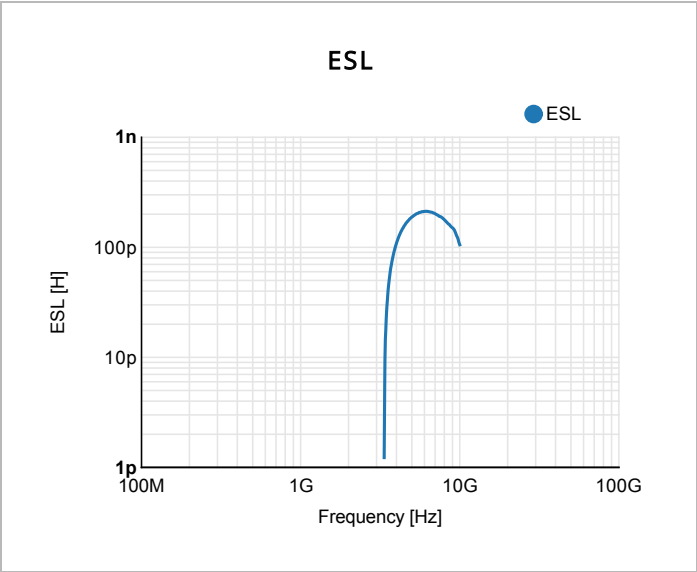
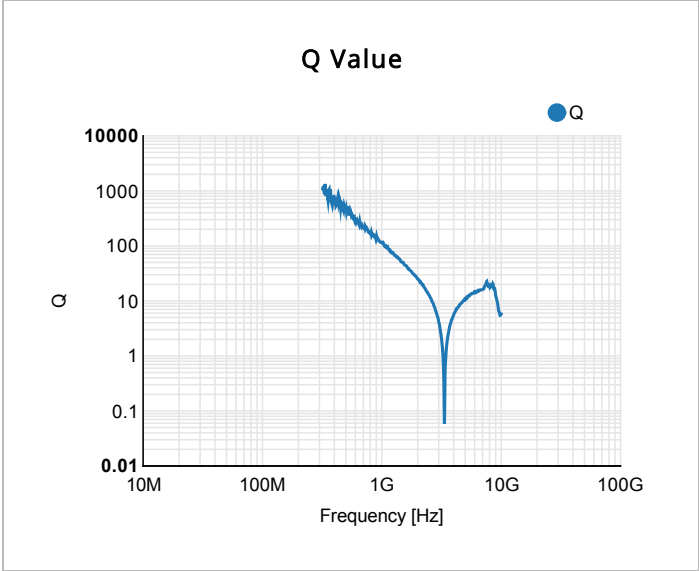
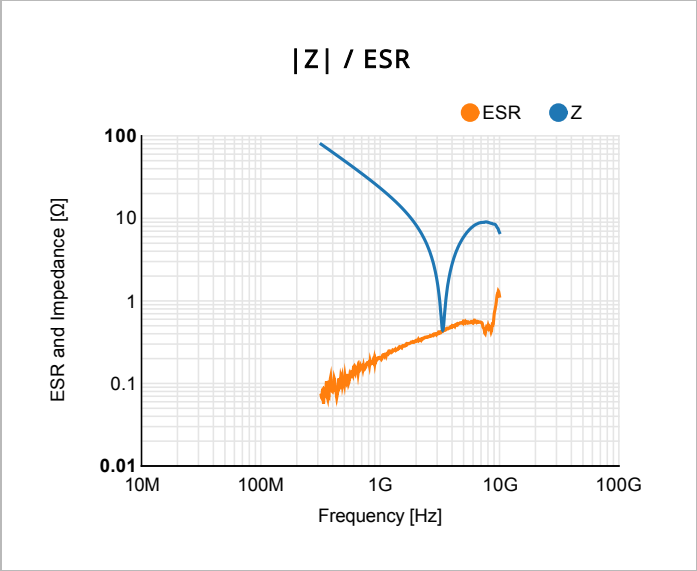
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YAGEO reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.



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