

# Multilayer Capacitors, SMD



## Capacitor 0603

### SPECIFICATION:

|                      |                    |
|----------------------|--------------------|
| Construction form    | 0603               |
| Ceramic type         | X7R                |
| Dimensions L x H x W | 1.6 x 0.8 x 0.8 mm |
| Temperature range    | -55...+125 °C      |
| Height               | 0.8 mm             |
| Length               | 1.6 mm             |
| Width                | 0.8 mm             |

### PRODUCT RANGE:

| Art. Nr.           | Capacitance | Rated voltage | Capacitance tolerance |
|--------------------|-------------|---------------|-----------------------|
| RND1500603B221K500 | 220 pF      | 50 V          | ±10%                  |
| RND1500603B221K101 | 220 pF      | 100 V         | ±10%                  |
| RND1500603B331K500 | 330 pF      | 50 V          | ±10%                  |
| RND1500603B331K101 | 330 pF      | 100 V         | ±10%                  |
| RND1500603B271K500 | 270 pF      | 50 V          | ±10%                  |
| RND1500603B391K500 | 390 pF      | 50 V          | ±10%                  |
| RND1500603B471K500 | 470 pF      | 50 V          | ±10%                  |
| RND1500603B471J101 | 470 pF      | 100 V         | ±5%                   |
| RND1500603B471K101 | 470 pF      | 100 V         | ±10%                  |
| RND1500603B561K500 | 560 pF      | 50 V          | ±10%                  |
| RND1500603B681K500 | 680 pF      | 50 V          | ±10%                  |
| RND1500603B681K101 | 680 pF      | 100 V         | ±10%                  |
| RND1500603B821K500 | 820 pF      | 50 V          | ±10%                  |
| RND1500603B102J500 | 1 nF        | 50 V          | ±5%                   |
| RND1500603B102K500 | 1 nF        | 50 V          | ±10%                  |
| RND1500603B102J101 | 1 nF        | 100 V         | ±5%                   |
| RND1500603B102K101 | 1 nF        | 100 V         | ±10%                  |
| RND1500603B102K201 | 1 nF        | 200 V         | ±10%                  |
| RND1500603B122K500 | 1.2 nF      | 50 V          | ±10%                  |
| RND1500603B152J500 | 1.5 nF      | 50 V          | ±5%                   |
| RND1500603B152K500 | 1.5 nF      | 50 V          | ±10%                  |
| RND1500603B152J101 | 1.5 nF      | 100 V         | ±5%                   |
| RND1500603B182K500 | 1.8 nF      | 5 V           | ±10%                  |
| RND1500603B222J500 | 2.2 nF      | 50 V          | ±5%                   |
| RND1500603B222K500 | 2.2 nF      | 50 V          | ±10%                  |
| RND1500603B222K101 | 2.2 nF      | 100 V         | ±10%                  |
| RND1500603B272K500 | 2.7 nF      | 50 V          | ±10%                  |
| RND1500603B332J500 | 3.3 nF      | 50 V          | ±5%                   |
| RND1500603B332K500 | 3.3 nF      | 50 V          | ±10%                  |
| RND1500603B392K500 | 3.9 nF      | 50 V          | ±10%                  |
| RND1500603B472K500 | 4.7 nF      | 50 V          | ±10%                  |
| RND1500603B472J500 | 4.7 nF      | 50 V          | ±5%                   |
| RND1500603B472J101 | 4.7 nF      | 100 V         | ±5%                   |
| RND1500603B472K101 | 4.7 nF      | 100 V         | ±10%                  |
| RND1500603B562K500 | 5.6 nF      | 50 V          | ±10%                  |
| RND1500603B682K500 | 6.8 nF      | 50 V          | ±10%                  |
| RND1500603B822K500 | 8.2 nF      | 50 V          | ±10%                  |
| RND1500603B103K160 | 10 nF       | 16 V          | ±10%                  |
| RND1500603B103K250 | 10 nF       | 25 V          | ±10%                  |
| RND1500603B103K500 | 10 nF       | 50 V          | ±10%                  |
| RND1500603B103J500 | 10 nF       | 50 V          | ±5%                   |

| Art. Nr.           | Capacitance | Rated voltage | Capacitance tolerance |
|--------------------|-------------|---------------|-----------------------|
| RND1500603B103J101 | 10 nF       | 100 V         | ±5%                   |
| RND1500603B103K101 | 10 nF       | 100 V         | ±10%                  |
| RND1500603B123K250 | 12 nF       | 25 V          | ±10%                  |
| RND1500603B123K500 | 12 nF       | 50 V          | ±10%                  |
| RND1500603B153K250 | 15 nF       | 25 V          | ±10%                  |
| RND1500603B153J500 | 15 nF       | 50 V          | ±5%                   |
| RND1500603B153K500 | 15 nF       | 50 V          | ±10%                  |
| RND1500603B183K500 | 18 nF       | 50 V          | ±10%                  |
| RND1500603B223K160 | 22 nF       | 16 V          | ±10%                  |
| RND1500603B223K250 | 22 nF       | 25 V          | ±10%                  |
| RND1500603B223K500 | 22 nF       | 50 V          | ±10%                  |
| RND1500603B273K250 | 27 nF       | 25 V          | ±10%                  |
| RND1500603B273K500 | 27 nF       | 50 V          | ±10%                  |
| RND1500603B333K160 | 33 nF       | 16 V          | ±10%                  |
| RND1500603B333K250 | 33 nF       | 25 V          | ±10%                  |
| RND1500603B333J500 | 33 nF       | 50 V          | ±5%                   |
| RND1500603B333K500 | 33 nF       | 50 V          | ±10%                  |
| RND1500603B393K160 | 39 nF       | 16 V          | ±10%                  |
| RND1500603B393K250 | 39 nF       | 25 V          | ±10%                  |
| RND1500603B393K500 | 39 nF       | 50 V          | ±10%                  |
| RND1500603B473K160 | 47 nF       | 16 V          | ±10%                  |
| RND1500603B473J250 | 47 nF       | 25 V          | ±5%                   |
| RND1500603B473K250 | 47 nF       | 25 V          | ±10%                  |
| RND1500603B473K500 | 47 nF       | 50 V          | ±10%                  |
| RND1500603B563K160 | 56 nF       | 16 V          | ±10%                  |
| RND1500603B563K250 | 56 nF       | 25 V          | ±10%                  |
| RND1500603B563K500 | 56 nF       | 50 V          | ±10%                  |
| RND1500603B683K160 | 68 nF       | 16 V          | ±10%                  |
| RND1500603B683K250 | 68 nF       | 25 V          | ±10%                  |
| RND1500603B683K500 | 68 nF       | 50 V          | ±10%                  |
| RND1500603B823K250 | 82 nF       | 25 V          | ±10%                  |
| RND1500603B823K500 | 82 nF       | 50 V          | ±10%                  |
| RND1500603B104J160 | 100 nF      | 16 V          | ±5%                   |
| RND1500603B104K160 | 100 nF      | 16 V          | ±10%                  |
| RND1500603B104K250 | 100 nF      | 25 V          | ±10%                  |
| RND1500603B104J250 | 100 nF      | 25 V          | ±5%                   |
| RND1500603B104J500 | 100 nF      | 50 V          | ±5%                   |
| RND1500603B104K500 | 100 nF      | 50 V          | ±10%                  |
| RND1500603B154K100 | 150 nF      | 10 V          | ±10%                  |
| RND1500603B224K100 | 220 nF      | 10 V          | ±10%                  |
| RND1500603B224K250 | 220 nF      | 25 V          | ±10%                  |
| RND1500603B474K250 | 470 nF      | 25 V          | ±10%                  |
| RND1500603B105K160 | 1 µF        | 16 V          | ±10%                  |
| RND1500603B225K6R3 | 2.2 µF      | 6.3 V         | ±10%                  |