






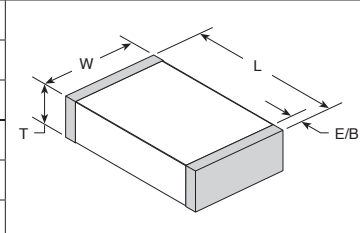


# SURFACE MOUNT MLCCs 10 - 200 VDC



| CASE SIZE   |             |  | Voltage | AVAILABLE CAPACITANCE CODE |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|-------------|--|---------|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| JDI   | Inches      | mm   |         | 0R5                        | XR5 | 100 | 120 | 150 | 180 | 220 | 270 | 330 | 390 | 470 | 560 | 680 | 820 | 101 | 121 | 151 | 181 | 221 | 271 | 331 | 391 | 471 | 561 | 681 | 821 |
| <b>R05</b><br><br>L .024 ±.001<br>W .012 ±.001<br>T .012 ±.001<br>EB .006 ±.002  | <b>0201</b> | <b>(0603)</b><br><br>(0.60 ±.03)<br>(0.30 ±.03)<br>(0.30 ±.03)<br>(0.15±.05) | 25V     | █                          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 10V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |
|   |             |  |         |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R07</b><br><br>L .040 ±.004<br>W .020 ±.004<br>T .025 Max.<br>EB .008 ±.004   | <b>0402</b> | <b>(1005)</b><br><br>(1.02 ±.10)<br>(0.51 ±.10)<br>(0.64)<br>(0.20±.10)      | 50V     | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 10V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R14</b><br><br>L .063 ±.008<br>W .032 ±.008<br>T .035 Max.<br>EB .010±.005    | <b>0603</b> | <b>(1608)</b><br><br>(1.60 ±.20)<br>(0.81 ±.20)<br>(0.89)<br>(.25±.13)       | 200V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 100V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 50V     | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R15</b><br><br>L .080 ±.010<br>W .050 ±.010<br>T .050 Max.<br>EB .020±.010   | <b>0805</b> | <b>(2012)</b><br><br>(2.03 ±.25)<br>(1.27 ±.25)<br>(1.27)<br>(0.51±.25 )     | 200V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 100V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 50V     | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R18</b><br><br>L .125 ±.010<br>W .062 ±.010<br>T .050 Max.<br>EB .020 ±.010 | <b>1206</b> | <b>(3216)</b><br><br>(3.17 ±.25)<br>(1.57 ±.25)<br>(1.27)<br>(0.51 ±.25)     | 200V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 100V    | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 50V     | █                          |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>S41</b><br><br>L .125 ±.010<br>W .095 ±.010<br>T .065 Max.<br>EB .020 ±.010 | <b>1210</b> | <b>(3224)</b><br><br>(3.18 ±.25)<br>(2.41 ±.25)<br>(1.65)<br>(0.51 ±.25)     | 200V    |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 100V    |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 50V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>S43</b><br><br>L .175 ±.010<br>W .125 ±.010<br>T .085 Max.<br>EB .025 ±.015 | <b>1812</b> | <b>(4532)</b><br><br>(4.45 ±.25)<br>(3.17 ±.25)<br>(2.16)<br>(0.64 ±.38)     | 200V    |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 100V    |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 50V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 25V     |                            |     |     |     |     |     |     |     |     |     | █   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|   |             |  | 16V     |                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |



# SURFACE MOUNT MLCCs 10 - 200 VDC

| AVAILABLE CAPACITANCE CODE |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | Voltage | CASE SIZE |     |     |     |      |          |     |     |     |     |     |     |     |     |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----------|-----|-----|-----|------|----------|-----|-----|-----|-----|-----|-----|-----|-----|
| 122                        | 152 | 182 | 222 | 272 | 332 | 392 | 472 | 562 | 822 | 103 | 123 | 153 | 183 | 223 | 273 | 333 |         |           | 473 | 563 | 683 | 823  | 104      | 224 | 334 | 474 | 105 | 225 | 335 | 475 | 106 |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  | 0201 R05 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 10V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  | 0402 R07 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 10V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 200V | 0603 R14 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 100V |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 200V | 0805 R15 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 100V |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 200V | 1206 R18 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 100V |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 200V | 1210 S41 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 100V |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 200V | 1812 S43 |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 100V |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 50V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 25V  |          |     |     |     |     |     |     |     |     |
|                            |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |         |           |     |     |     | 16V  |          |     |     |     |     |     |     |     |     |