

GENERAL PURPOSE (G SERIES) X5R DIELECTRIC

| | Tolerance | 0201 | | | | | 0402 | | | | | 0603 | | | | | 0805 | | | | | 1206 | | | | | 1210 | | | | | |
|----------|--------------|------|----|----|----|----|------|----|----|----|----|------|----|----|----|----|------|----|----|----|----|------|----|----|----|----|------|----|----|----|----|----|
| | | 6.3 | 10 | 16 | 25 | 50 | 6.3 | 10 | 16 | 25 | 50 | 6.3 | 10 | 16 | 25 | 50 | 6 | 10 | 16 | 25 | 50 | 6.3 | 10 | 16 | 25 | 50 | 6.3 | 10 | 16 | 25 | 50 | |
| DC Volts | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 101 | 100 pF | AA | AA | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 221 | 220 pF | AA | AA | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 471 | 470 pF | AA | AA | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 102 | 1,000 pF | AA | AA | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 222 | 2,200 pF | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 472 | 4,700 pF | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 103 | 10,000 pF | AA | AA | AA | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 273 | 27,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 333 | 33,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 393 | 39,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 473 | 47,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 563 | 56,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 683 | 68,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 823 | 82,000 pF | AA | AA | | | | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | | |
| 104 | 0.1 μ F | AA | AA | AA | AA | | BA | BA | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | |
| 154 | 0.15 μ F | | | | | | BA | BA | BA | BA | | | | | | | | | | | | | | | | | | | | | | |
| 224 | 0.22 μ F | AA | AA | | | | BA | BA | BA | BA | BA | CC | CC | CC | CC | CC | | | | | | | | | | | | | | | | |
| 274 | 0.27 μ F | | | | | | | | | | | CC | CC | CC | CC | | | | | | | | | | | | | | | | | |
| 334 | 0.33 μ F | | | | | | BA | BA | | | | CC | CC | CC | CC | | | | | | | | | | | | | | | | | |
| 394 | 0.39 μ F | | | | | | | | | | | CC | CC | CC | CC | | | | | | | | | | | | | | | | | |
| 474 | 0.47 μ F | AA | AA | | | | BA | BA | BC | BC | BC | CC | CC | CC | CC | CC | | | | | | | | | | | | | | | | |
| 684 | 0.68 μ F | | | | | | BA | BA | | | | CC | CC | CC | CC | | | | | | | | | | | | | | | | | |
| 824 | 0.82 μ F | | | | | | | | | | | CC | CC | CC | | | | | | | | | | | | | | | | | | |
| 105 | 1 μ F | AA | AA | | | | BA | BA | BA | BA | | CC | CC | CC | CC | CC | DD | DD | DD | DD | DF | | | | | | | | | | | |
| 155 | 1.5 μ F | | | | | | | | | | | CC | | | | | DF | DF | DF | | | | ED | ED | ED | | | FE | FE | FE | | |
| 225 | 2.2 μ F | AA | | | | | BA | BA | BC | BC | | CC | CC | CC | CC | CC | DF | DF | DF | DF | DF | | ED | ED | ED | EG | EG | FE | FE | FE | | |
| 335 | 3.3 μ F | | | | | | | | | | | CC | CC | | | | DF | DF | DF | DF | | | EG | EG | EG | EG | | | | | | |
| 475 | 4.7 μ F | | | | | | BC | BC | BC | | | CC | CC | CC | CC | | DF | DF | DF | DF | DF | | EG | EG | EG | EG | EG | FE | FE | FE | FE | |
| 685 | 6.8 μ F | | | | | | | | | | | | | | | | | | | | | | EG | EG | | | | | | | | |
| 106 | 10 μ F | | | | | | BC | BC | | | | CC | CC | CC | CC | | DF | DF | DF | DF | DF | | EG | EG | EG | EG | EG | FE | FE | FE | FE | FF |
| 226 | 22 μ F | | | | | | | | | | | CC | CC | | | | DF | DF | DF | | | | EG | EG | EG | EG | | FF | FF | FF | FF | |
| 476 | 47 μ F | | | | | | | | | | | | | | | | DF | DF | | | | | EG | EG | | | | FF | FF | FF | | |
| 107 | 100 μ F | | | | | | | | | | | | | | | | | | | | | | EG | | | | | FF | FF | | | |

*J Tolerance available in 0201 case size only

