

## Case Size

| Volt(V)<br>Spec<br>Cap (μ F) | 6.3V                 |   |                                     | 10V                  |   |                                     | 16V                  |   |                                     |
|------------------------------|----------------------|---|-------------------------------------|----------------------|---|-------------------------------------|----------------------|---|-------------------------------------|
|                              | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz |
| 330                          | —                    | —   | —                                   | 8x12                 | 1000  | 0.045                               | 8x12                 | 1080  | 0.038                               |
| 470                          | —                    | —   | —                                   | 8x12                 | 1080  | 0.038                               | 8x14<br>10x13        | 1080<br>1500  | 0.038<br>0.027                      |
| 560                          | 8x12                 | 1080  | 0.038                               | 8x14                 | 1180  | 0.038                               | 8x16                 | 1450  | 0.029                               |
| 680                          | 8x12                 | 1080  | 0.038                               | 8x16<br>10x13        | 1380<br>1500  | 0.038<br>0.027                      | 8x16<br>10x15        | 1450<br>1500  | 0.029<br>0.027                      |
| 820                          | 8x14                 | 1080  | 0.038                               | 10x13                | 1450  | 0.029                               | 10x15                | 1850  | 0.020                               |
| 1000                         | 8x16<br>10x13        | 1080<br>1500  | 0.038<br>0.027                      | 8x16<br>10x13        | 1450<br>1500  | 0.029<br>0.027                      | 10x17                | 1910  | 0.018                               |
| 1200                         | 8x16                 | 1450  | 0.029                               | 10x13                | 1850  | 0.020                               | 10x17                | 2540  | 0.012                               |
| 1500                         | 10x17                | 1500  | 0.027                               | 10x17                | 1850  | 0.020                               | 10x21                | 2540  | 0.012                               |
| 1800                         | 10x17                | 1910  | 0.018                               | 10x21                | 2540  | 0.012                               | 13x21                | 2800  | 0.011                               |
| 2200                         | 10x21                | 1910  | 0.018                               | 10x21                | 2540  | 0.012                               | 13x21                | 3000  | 0.01                                |
| 2700                         | 10x21                | 2450  | 0.012                               | 13x21                | 3100  | 0.01                                | 13x26                | 3210  | 0.01                                |
| 3300                         | 13x21                | 2800  | 0.011                               | 13x26                | 3280  | 0.01                                | 16x26                | 3520  | 0.01                                |

| Volt(V)<br>Spec<br>Cap (μ F) | 25V                  |   |                                     | 35V                  |   |                                     | 50V                  |   |                                     |
|------------------------------|----------------------|---|-------------------------------------|----------------------|---|-------------------------------------|----------------------|---|-------------------------------------|
|                              | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz | Size<br>ΦDxL<br>(mm) | Max.<br>Ripple Ccurrent<br>(mA rms)<br>105°C/100KHz | Impedance<br>(Ω max)<br>20°C/100KHz |
| 47                           | —                    | —   | —                                   | —                    | —   | —                                   | 8x12                 | 890   | 0.049                               |
| 68                           | —                    | —   | —                                   | —                    | —   | —                                   | 8x12                 | 920   | 0.046                               |
| 100                          | —                    | —   | —                                   | 8x12                 | 1080  | 0.032                               | 8x14                 | 1180  | 0.039                               |
| 150                          | —                    | —   | —                                   | 8x12                 | 1090  | 0.031                               | 10x17                | 1230  | 0.036                               |
| 220                          | 8x12                 | 1080  | 0.032                               | 8x16<br>10x13        | 1110<br>0390  | 0.030<br>0.027                      | 10x17                | 1630  | 0.026                               |
| 270                          | —                    | —   | —                                   | —                    | —   | —                                   | 10x21                | 2060  | 0.018                               |
| 330                          | 8x14<br>10x13        | 1450<br>1850  | 0.029<br>0.027                      | 8x21<br>10x17        | 1720<br>1820  | 0.022<br>0.020                      | 10x21                | 2180  | 0.016                               |
| 390                          | —                    | —   | —                                   | 10x21                | 1920  | 0.019                               | 13x21                | 2300  | 0.014                               |
| 470                          | 8x21<br>10x17        | 1720<br>1830  | 0.020<br>0.022                      | 13x21                | 2060  | 0.018                               | 13x26                | 2460  | 0.013                               |
| 560                          | —                    | —   | —                                   | 13x21                | 2180  | 0.016                               | 16x26                | 2600  | 0.012                               |
| 680                          | 10x21                | 2060  | 0.018                               | 13x21                | 2340  | 0.014                               | 16x26                | 2760  | 0.012                               |
| 1000                         | 13x21                | 2180  | 0.016                               | 13x26                | 2500  | 0.013                               | 16x32                | 2900  | 0.012                               |
| 1200                         | 13x21                | 2300  | 0.014                               | 13x26                | 2630  | 0.012                               | 16x32                | 3040  | 0.011                               |
| 1500                         | 13x21                | 2430  | 0.013                               | 16x26                | 2770  | 0.012                               | 16x36                | 3200  | 0.011                               |
| 1800                         | 13x26                | 2580  | 0.012                               | 16x26                | 2900  | 0.011                               | 18x36                | 3380  | 0.01                                |
| 2200                         | 13x26                | 2760  | 0.012                               | 16x32                | 3030  | 0.011                               | 18x36                | 3520  | 0.01                                |