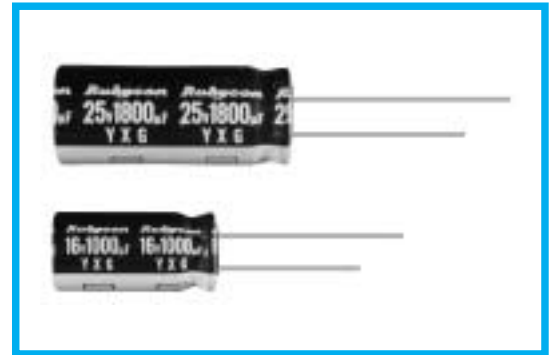


YXG SERIES
105°C High ripple current. Long Life.
◆FEATURES

- Low impedance at 100kHz with selected materials.
- Load Life : 105°C 3000~6000hours.
- RoHS compliance.


◆SPECIFICATIONS

| Items | Characteristics | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------------|----------|-----------------|--------------------|--------------------------------------------|---------|------|-----------------|------------------------------------|-------|------|------|------|--------|------|------|------|------------------|------|---|---|---|---|---|---|---|
| Category Temperature Range | -40~+105°C | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Voltage Range | 6.3~100V.DC | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Capacitance Tolerance | ±20% (20°C, 120Hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current(MAX) | I=0.01CV or 3 μA whichever is greater. (After 2 minutes) I=Leakage Current(μA) C=Rated Capacitance(μF) V=Rated Voltage(V) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissipation Factor(MAX) (tan δ) | <table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>tan δ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> </tr> </tbody> </table> (20°C, 120Hz) When rated capacitance is over 1000 μF, tan δ shall be added 0.02 to the listed value with increase of every 1000 μF. | Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | tan δ | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | | | | | | | | | |
| Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | | | | | | | | | | | | | | | | | | | | |
| tan δ | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | | | | | | | | | | | | | | | | | | | | |
| Endurance | After life test with rated ripple current at conditions stated in the table below, the capacitors shall meet the following requirements. <table border="1"> <thead> <tr> <th>Capacitance Change</th> <th>Within ±25% of the initial value.</th> <th>Case Dia</th> <th>Life Time (hrs)</th> </tr> </thead> <tbody> <tr> <td>Dissipation Factor</td> <td>Not more than 200% of the specified value.</td> <td>φ D≤6.3</td> <td>3000</td> </tr> <tr> <td>Leakage Current</td> <td>Not more than the specified value.</td> <td>φ D=8</td> <td>4000</td> </tr> <tr> <td></td> <td></td> <td>φ D=10</td> <td>5000</td> </tr> <tr> <td></td> <td></td> <td>φ D≥12.5</td> <td>6000</td> </tr> </tbody> </table> | Capacitance Change | Within ±25% of the initial value. | Case Dia | Life Time (hrs) | Dissipation Factor | Not more than 200% of the specified value. | φ D≤6.3 | 3000 | Leakage Current | Not more than the specified value. | φ D=8 | 4000 | | | φ D=10 | 5000 | | | φ D≥12.5 | 6000 | | | | | | | |
| Capacitance Change | Within ±25% of the initial value. | Case Dia | Life Time (hrs) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dissipation Factor | Not more than 200% of the specified value. | φ D≤6.3 | 3000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Leakage Current | Not more than the specified value. | φ D=8 | 4000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | φ D=10 | 5000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | φ D≥12.5 | 6000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Low Temperature Stability Impedance Ratio(MAX) | <table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>100</th> </tr> </thead> <tbody> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>8</td> <td>6</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table> (120Hz) | Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | Z(-25°C)/Z(20°C) | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | Z(-40°C)/Z(20°C) | 8 | 6 | 4 | 3 | 3 | 3 | 3 | 3 |
| Rated Voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | | | | | | | | | | | | | | | | | | | | |
| Z(-25°C)/Z(20°C) | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | | | | | |
| Z(-40°C)/Z(20°C) | 8 | 6 | 4 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | | | | |

◆MULTIPLIER FOR RIPPLE CURRENT

Frequency coefficient

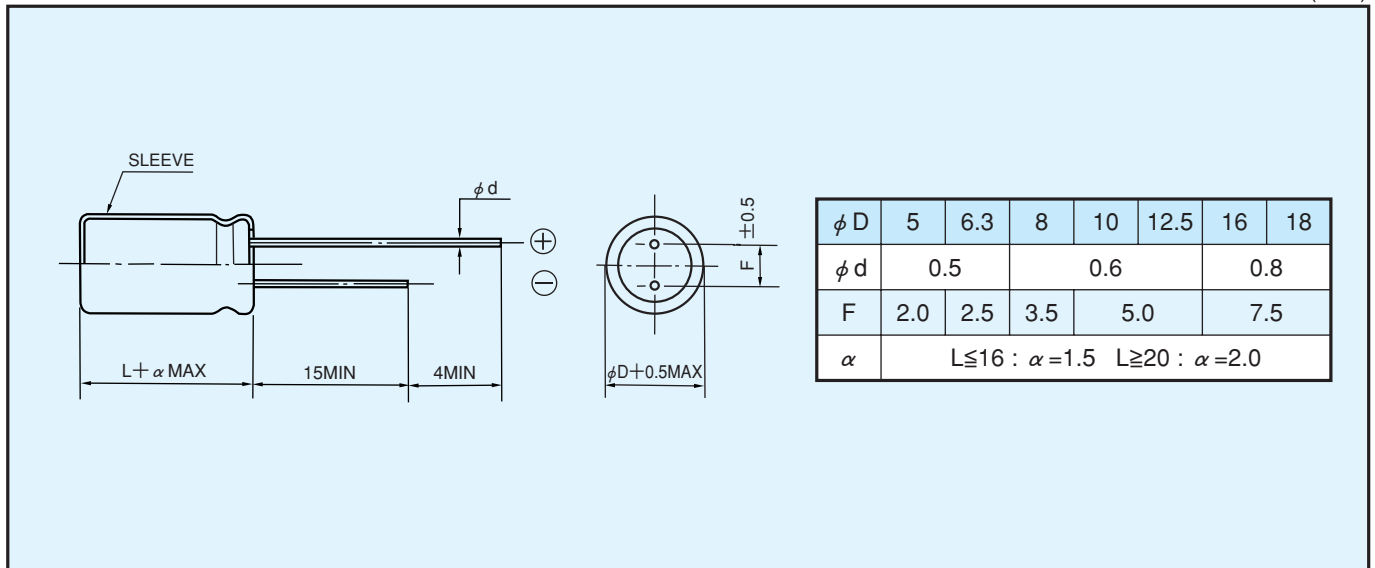
| Frequency (Hz) | | 120 | 1k | 10k | 100k≤ |
|----------------|---------------|------|------|------|-------|
| Coefficient | 6.8~33 μF | 0.42 | 0.70 | 0.90 | 1.00 |
| | 39~270 μF | 0.50 | 0.73 | 0.92 | 1.00 |
| | 330~680 μF | 0.55 | 0.77 | 0.94 | 1.00 |
| | 820~1800 μF | 0.60 | 0.80 | 0.96 | 1.00 |
| | 2200~18000 μF | 0.70 | 0.85 | 0.98 | 1.00 |

◆PART NUMBER

| | | | | | | |
|---------------|--------|-------------------|-----------------------|--------|--------------|-----------|
| □□□ | YXG | □□□□□ | □ | □□□ | □□ | DXL |
| Rated Voltage | Series | Rated Capacitance | Capacitance Tolerance | Option | Lead Forming | Case Size |

◆ DIMENSIONS

(mm)


◆ STANDARD SIZE

| Rated voltage 6.3V(0J) | | | | |
|----------------------------------|--------------------------------|---------------------------------------------------|------------------------------|---------------|
| Rated capacitance (μF) | Size $\phi D \times L$ (mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 150 | 5×11 | 210 | 0.58 | 2.3 |
| 330 | 6.3×11 | 340 | 0.22 | 0.87 |
| 680 | 8×11.5 | 640 | 0.13 | 0.52 |
| 820 | 10×12.5 | 865 | 0.080 | 0.32 |
| 1000 | 8×16 | 840 | 0.087 | 0.35 |
| 1200 | 8×20 | 1050 | 0.069 | 0.27 |
| 1200 | 10×16 | 1210 | 0.060 | 0.24 |
| 1500 | 10×20 | 1400 | 0.046 | 0.18 |
| 1800 | 12.5×16 | 1450 | 0.049 | 0.16 |
| 2200 | 10×23 | 1650 | 0.042 | 0.17 |
| 2700 | 10×28 | 1910 | 0.031 | 0.12 |
| 2700 | 16×16 | 1940 | 0.042 | 0.12 |
| 3300 | 12.5×20 | 1900 | 0.035 | 0.12 |
| 3900 | 12.5×25 | 2230 | 0.027 | 0.089 |
| 3900 | 18×16 | 2210 | 0.043 | 0.11 |
| 4700 | 12.5×30 | 2650 | 0.024 | 0.078 |
| 5600 | 12.5×35 | 2880 | 0.020 | 0.065 |
| 5600 | 16×20 | 2530 | 0.027 | 0.078 |
| 6800 | 12.5×40 | 3350 | 0.017 | 0.056 |
| 6800 | 16×25 | 2930 | 0.021 | 0.060 |
| 6800 | 18×20 | 2860 | 0.026 | 0.067 |
| 8200 | 16×31.5 | 3450 | 0.017 | 0.050 |
| 10000 | 16×35.5 | 3610 | 0.015 | 0.044 |
| 10000 | 18×25 | 3140 | 0.019 | 0.049 |
| 12000 | 16×40 | 4080 | 0.013 | 0.038 |
| 12000 | 18×31.5 | 4170 | 0.015 | 0.040 |
| 15000 | 18×35.5 | 4220 | 0.014 | 0.038 |
| 18000 | 18×40 | 4280 | 0.012 | 0.032 |

| Rated voltage 10V(1A) | | | | |
|---------------------------------|---------------------------------|--------------------------------------------------------------|---------------------------|--------------------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105 $^{\circ}$ C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20 $^{\circ}$ C, 100kHz | -10 $^{\circ}$ C, 100kHz |
| 100 | 5 \times 11 | 210 | 0.58 | 2.3 |
| 220 | 6.3 \times 11 | 340 | 0.22 | 0.87 |
| 470 | 8 \times 11.5 | 640 | 0.13 | 0.52 |
| 680 | 8 \times 16 | 840 | 0.087 | 0.35 |
| 680 | 10 \times 12.5 | 865 | 0.080 | 0.32 |
| 1000 | 8 \times 20 | 1050 | 0.069 | 0.27 |
| 1000 | 10 \times 16 | 1210 | 0.060 | 0.24 |
| 1200 | 10 \times 20 | 1400 | 0.046 | 0.18 |
| 1500 | 10 \times 23 | 1650 | 0.042 | 0.17 |
| 1500 | 12.5 \times 16 | 1450 | 0.049 | 0.16 |
| 2200 | 10 \times 28 | 1910 | 0.031 | 0.12 |
| 2200 | 12.5 \times 20 | 1900 | 0.035 | 0.12 |
| 2200 | 16 \times 16 | 1940 | 0.042 | 0.12 |
| 2700 | 18 \times 16 | 2210 | 0.043 | 0.11 |
| 3300 | 12.5 \times 25 | 2230 | 0.027 | 0.089 |
| 3900 | 12.5 \times 30 | 2650 | 0.024 | 0.078 |
| 3900 | 16 \times 20 | 2530 | 0.027 | 0.078 |
| 4700 | 12.5 \times 35 | 2880 | 0.020 | 0.065 |
| 5600 | 12.5 \times 40 | 3350 | 0.017 | 0.056 |
| 5600 | 16 \times 25 | 2930 | 0.021 | 0.060 |
| 5600 | 18 \times 20 | 2860 | 0.026 | 0.067 |
| 6800 | 16 \times 31.5 | 3450 | 0.017 | 0.050 |
| 6800 | 18 \times 25 | 3140 | 0.019 | 0.049 |
| 8200 | 16 \times 35.5 | 3610 | 0.015 | 0.044 |
| 8200 | 18 \times 31.5 | 4170 | 0.015 | 0.040 |
| 10000 | 16 \times 40 | 4080 | 0.013 | 0.038 |
| 10000 | 18 \times 35.5 | 4220 | 0.014 | 0.038 |
| 12000 | 18 \times 40 | 4280 | 0.012 | 0.032 |

| Rated voltage 16V(1C) | | | | |
|---------------------------------|---------------------------------|--------------------------------------------------------------|---------------------------|--------------------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105 $^{\circ}$ C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20 $^{\circ}$ C, 100kHz | -10 $^{\circ}$ C, 100kHz |
| 56 | 5 \times 11 | 210 | 0.58 | 2.3 |
| 120 | 6.3 \times 11 | 340 | 0.22 | 0.87 |
| 330 | 8 \times 11.5 | 640 | 0.13 | 0.52 |
| 470 | 8 \times 16 | 840 | 0.087 | 0.35 |
| 470 | 10 \times 12.5 | 865 | 0.080 | 0.32 |
| 680 | 8 \times 20 | 1050 | 0.069 | 0.27 |
| 680 | 10 \times 16 | 1210 | 0.060 | 0.24 |
| 1000 | 10 \times 20 | 1400 | 0.046 | 0.18 |
| 1000 | 12.5 \times 16 | 1450 | 0.049 | 0.16 |
| 1200 | 10 \times 23 | 1650 | 0.042 | 0.17 |
| 1500 | 10 \times 28 | 1910 | 0.031 | 0.12 |
| 1500 | 12.5 \times 20 | 1900 | 0.035 | 0.12 |
| 1500 | 16 \times 16 | 1940 | 0.042 | 0.12 |
| 2200 | 12.5 \times 25 | 2230 | 0.027 | 0.089 |
| 2200 | 18 \times 16 | 2210 | 0.043 | 0.11 |
| 2700 | 12.5 \times 30 | 2650 | 0.024 | 0.078 |
| 2700 | 16 \times 20 | 2530 | 0.027 | 0.078 |
| 3300 | 12.5 \times 35 | 2880 | 0.020 | 0.065 |
| 3900 | 12.5 \times 40 | 3350 | 0.017 | 0.056 |
| 3900 | 16 \times 25 | 2930 | 0.021 | 0.060 |
| 3900 | 18 \times 20 | 2860 | 0.026 | 0.067 |
| 4700 | 16 \times 31.5 | 3450 | 0.017 | 0.050 |
| 4700 | 18 \times 25 | 3140 | 0.019 | 0.049 |
| 5600 | 16 \times 35.5 | 3610 | 0.015 | 0.044 |
| 5600 | 18 \times 31.5 | 4170 | 0.015 | 0.040 |
| 6800 | 16 \times 40 | 4080 | 0.013 | 0.038 |
| 8200 | 18 \times 35.5 | 4220 | 0.014 | 0.038 |
| 10000 | 18 \times 40 | 4280 | 0.012 | 0.032 |

| Rated voltage 25V(1E) | | | | |
|---------------------------------|---------------------------------|---------------------------------------------------|---------------------------|---------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 47 | 5 \times 11 | 210 | 0.58 | 2.3 |
| 100 | 6.3 \times 11 | 340 | 0.22 | 0.87 |
| 220 | 8 \times 11.5 | 640 | 0.13 | 0.52 |
| 330 | 8 \times 16 | 840 | 0.087 | 0.35 |
| 330 | 10 \times 12.5 | 865 | 0.080 | 0.32 |
| 470 | 8 \times 20 | 1050 | 0.069 | 0.27 |
| 470 | 10 \times 16 | 1210 | 0.060 | 0.24 |
| 680 | 10 \times 20 | 1400 | 0.046 | 0.18 |
| 680 | 12.5 \times 16 | 1450 | 0.049 | 0.16 |
| 820 | 10 \times 23 | 1650 | 0.042 | 0.17 |
| 1000 | 10 \times 28 | 1910 | 0.031 | 0.12 |
| 1000 | 12.5 \times 20 | 1900 | 0.035 | 0.12 |
| 1000 | 16 \times 16 | 1940 | 0.042 | 0.12 |
| 1200 | 18 \times 16 | 2210 | 0.043 | 0.11 |
| 1500 | 12.5 \times 25 | 2230 | 0.027 | 0.089 |
| 1800 | 12.5 \times 30 | 2650 | 0.024 | 0.078 |
| 1800 | 16 \times 20 | 2530 | 0.027 | 0.078 |
| 2200 | 12.5 \times 35 | 2880 | 0.020 | 0.065 |
| 2200 | 18 \times 20 | 2860 | 0.026 | 0.067 |
| 2700 | 12.5 \times 40 | 3350 | 0.017 | 0.056 |
| 2700 | 16 \times 25 | 2930 | 0.021 | 0.060 |
| 3300 | 16 \times 31.5 | 3450 | 0.017 | 0.050 |
| 3300 | 18 \times 25 | 3140 | 0.019 | 0.049 |
| 3900 | 16 \times 35.5 | 3610 | 0.015 | 0.044 |
| 3900 | 18 \times 31.5 | 4170 | 0.015 | 0.040 |
| 4700 | 16 \times 40 | 4080 | 0.013 | 0.038 |
| 4700 | 18 \times 35.5 | 4220 | 0.014 | 0.038 |
| 5600 | 18 \times 40 | 4280 | 0.012 | 0.032 |

| Rated voltage 35V(1V) | | | | |
|---------------------------------|---------------------------------|---------------------------------------------------|---------------------------|---------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 33 | 5 \times 11 | 210 | 0.58 | 2.3 |
| 56 | 6.3 \times 11 | 340 | 0.22 | 0.87 |
| 150 | 8 \times 11.5 | 640 | 0.13 | 0.52 |
| 220 | 8 \times 16 | 840 | 0.087 | 0.35 |
| 220 | 10 \times 12.5 | 865 | 0.080 | 0.32 |
| 270 | 8 \times 20 | 1050 | 0.069 | 0.27 |
| 330 | 10 \times 16 | 1210 | 0.060 | 0.24 |
| 470 | 10 \times 20 | 1400 | 0.046 | 0.18 |
| 470 | 12.5 \times 16 | 1450 | 0.049 | 0.16 |
| 560 | 10 \times 23 | 1650 | 0.042 | 0.17 |
| 680 | 10 \times 28 | 1910 | 0.031 | 0.12 |
| 680 | 12.5 \times 20 | 1900 | 0.035 | 0.12 |
| 680 | 16 \times 16 | 1940 | 0.042 | 0.12 |
| 1000 | 12.5 \times 25 | 2230 | 0.027 | 0.089 |
| 1000 | 18 \times 16 | 2210 | 0.043 | 0.11 |
| 1200 | 12.5 \times 30 | 2650 | 0.024 | 0.078 |
| 1200 | 16 \times 20 | 2530 | 0.027 | 0.078 |
| 1500 | 12.5 \times 35 | 2880 | 0.020 | 0.065 |
| 1800 | 12.5 \times 40 | 3350 | 0.017 | 0.056 |
| 1800 | 16 \times 25 | 2930 | 0.021 | 0.060 |
| 1800 | 18 \times 20 | 2860 | 0.026 | 0.067 |
| 2200 | 16 \times 31.5 | 3450 | 0.017 | 0.050 |
| 2200 | 18 \times 25 | 3140 | 0.019 | 0.049 |
| 2700 | 16 \times 35.5 | 3610 | 0.015 | 0.044 |
| 2700 | 18 \times 31.5 | 4170 | 0.015 | 0.040 |
| 3300 | 16 \times 40 | 4080 | 0.013 | 0.038 |
| 3300 | 18 \times 35.5 | 4220 | 0.014 | 0.038 |
| 3900 | 18 \times 40 | 4280 | 0.012 | 0.032 |

| Rated voltage 50V(1H) | | | | |
|---------------------------------|---------------------------------|---------------------------------------------------|---------------------------|---------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 22 | 5 \times 11 | 180 | 0.70 | 2.8 |
| 56 | 6.3 \times 11 | 295 | 0.30 | 1.2 |
| 100 | 8 \times 11.5 | 555 | 0.17 | 0.68 |
| 120 | 8 \times 16 | 730 | 0.12 | 0.48 |
| 150 | 10 \times 12.5 | 760 | 0.12 | 0.48 |
| 180 | 8 \times 20 | 910 | 0.091 | 0.36 |
| 220 | 10 \times 16 | 1050 | 0.084 | 0.34 |
| 270 | 10 \times 20 | 1220 | 0.060 | 0.24 |
| 270 | 12.5 \times 16 | 1260 | 0.061 | 0.20 |
| 330 | 10 \times 23 | 1440 | 0.055 | 0.22 |
| 470 | 10 \times 28 | 1690 | 0.043 | 0.17 |
| 470 | 12.5 \times 20 | 1660 | 0.045 | 0.15 |
| 470 | 16 \times 16 | 1690 | 0.055 | 0.17 |
| 560 | 12.5 \times 25 | 1950 | 0.034 | 0.11 |
| 560 | 18 \times 16 | 1930 | 0.054 | 0.15 |
| 680 | 12.5 \times 30 | 2310 | 0.030 | 0.10 |
| 820 | 12.5 \times 35 | 2510 | 0.025 | 0.083 |
| 820 | 16 \times 20 | 2210 | 0.034 | 0.10 |
| 1000 | 12.5 \times 40 | 2920 | 0.021 | 0.069 |
| 1000 | 16 \times 25 | 2555 | 0.025 | 0.075 |
| 1000 | 18 \times 20 | 2490 | 0.036 | 0.097 |
| 1200 | 16 \times 31.5 | 3010 | 0.022 | 0.066 |
| 1200 | 18 \times 25 | 2740 | 0.026 | 0.070 |
| 1500 | 16 \times 35.5 | 3150 | 0.019 | 0.057 |
| 1800 | 16 \times 40 | 3710 | 0.016 | 0.048 |
| 1800 | 18 \times 31.5 | 3635 | 0.021 | 0.057 |
| 2200 | 18 \times 35.5 | 3680 | 0.017 | 0.046 |
| 2700 | 18 \times 40 | 3800 | 0.014 | 0.038 |

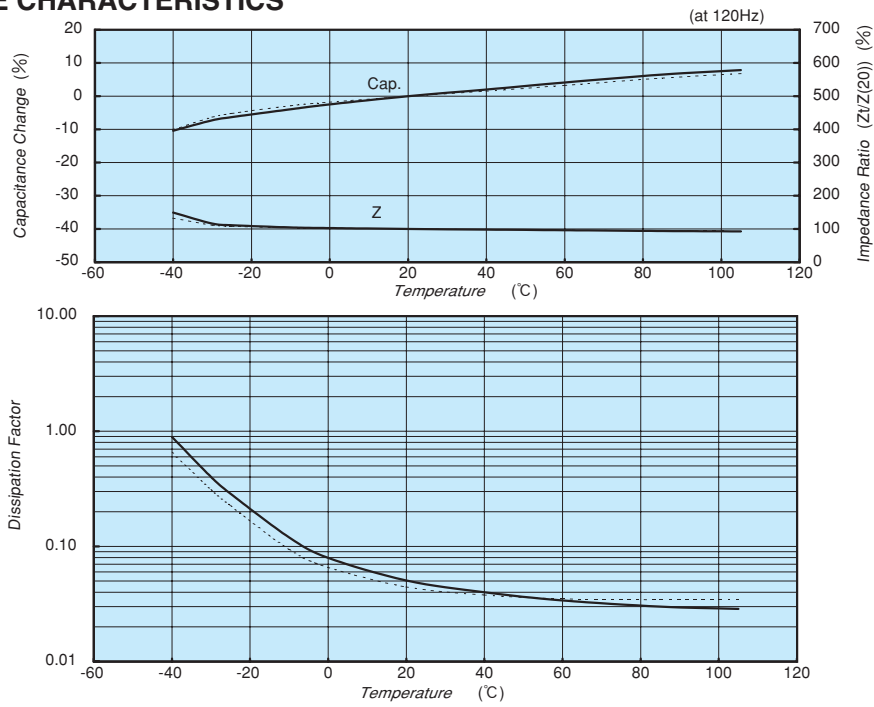
| Rated voltage 63V(1J) | | | | |
|---------------------------------|---------------------------------|---------------------------------------------------|---------------------------|---------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 15 | 5 \times 11 | 55 | 2.3 | 9.3 |
| 33 | 6.3 \times 11 | 115 | 1.2 | 5.0 |
| 56 | 8 \times 11.5 | 232 | 0.63 | 2.8 |
| 82 | 8 \times 16 | 300 | 0.45 | 2.1 |
| 82 | 10 \times 12.5 | 288 | 0.43 | 1.8 |
| 120 | 8 \times 20 | 362 | 0.33 | 1.6 |
| 120 | 10 \times 16 | 357 | 0.31 | 1.5 |
| 180 | 10 \times 20 | 466 | 0.21 | 0.94 |
| 180 | 12.5 \times 16 | 466 | 0.23 | 1.1 |
| 220 | 10 \times 23 | 531 | 0.20 | 0.84 |
| 270 | 10 \times 28 | 663 | 0.15 | 0.71 |
| 270 | 12.5 \times 20 | 690 | 0.16 | 0.64 |
| 270 | 16 \times 16 | 795 | 0.14 | 0.66 |
| 330 | 12.5 \times 25 | 784 | 0.12 | 0.45 |
| 390 | 18 \times 16 | 920 | 0.12 | 0.50 |
| 470 | 12.5 \times 30 | 905 | 0.10 | 0.42 |
| 470 | 16 \times 20 | 1040 | 0.091 | 0.38 |
| 560 | 12.5 \times 35 | 1050 | 0.083 | 0.35 |
| 560 | 16 \times 25 | 1250 | 0.073 | 0.27 |
| 680 | 12.5 \times 40 | 1180 | 0.071 | 0.30 |
| 680 | 18 \times 20 | 1240 | 0.080 | 0.30 |
| 820 | 16 \times 31.5 | 1570 | 0.054 | 0.20 |
| 820 | 18 \times 25 | 1490 | 0.057 | 0.21 |
| 1000 | 16 \times 35.5 | 1790 | 0.045 | 0.17 |
| 1000 | 18 \times 31.5 | 1630 | 0.047 | 0.17 |
| 1200 | 16 \times 40 | 2020 | 0.040 | 0.15 |
| 1200 | 18 \times 35.5 | 1790 | 0.040 | 0.15 |
| 1500 | 18 \times 40 | 2330 | 0.036 | 0.13 |

| Rated voltage 100V(2A) | | | | |
|---------------------------------|---------------------------------|---------------------------------------------------|---------------------------|---------------|
| Rated capacitance (μ F) | Size ϕ D \times L(mm) | Rated ripple current (mA r.m.s./105°C, 100kHz) | Impedance (Ω MAX) | |
| | | | 20°C, 100kHz | -10°C, 100kHz |
| 6.8 | 5 \times 11 | 55 | 2.3 | 9.3 |
| 15 | 6.3 \times 11 | 115 | 1.2 | 5.0 |
| 27 | 8 \times 11.5 | 232 | 0.63 | 2.8 |
| 39 | 8 \times 16 | 300 | 0.45 | 2.1 |
| 47 | 10 \times 12.5 | 288 | 0.43 | 1.8 |
| 56 | 8 \times 20 | 362 | 0.33 | 1.6 |
| 68 | 10 \times 16 | 357 | 0.31 | 1.5 |
| 82 | 10 \times 20 | 466 | 0.21 | 0.94 |
| 82 | 12.5 \times 16 | 466 | 0.23 | 1.1 |
| 100 | 10 \times 23 | 531 | 0.20 | 0.84 |
| 120 | 10 \times 28 | 663 | 0.15 | 0.71 |
| 120 | 12.5 \times 20 | 690 | 0.16 | 0.64 |
| 150 | 16 \times 16 | 795 | 0.14 | 0.66 |
| 180 | 12.5 \times 25 | 784 | 0.12 | 0.45 |
| 180 | 18 \times 16 | 920 | 0.12 | 0.50 |
| 220 | 12.5 \times 30 | 905 | 0.10 | 0.42 |
| 220 | 16 \times 20 | 1040 | 0.091 | 0.38 |
| 270 | 12.5 \times 35 | 1050 | 0.083 | 0.35 |
| 270 | 16 \times 25 | 1250 | 0.073 | 0.27 |
| 330 | 12.5 \times 40 | 1180 | 0.071 | 0.30 |
| 330 | 18 \times 20 | 1240 | 0.080 | 0.30 |
| 390 | 16 \times 31.5 | 1570 | 0.054 | 0.20 |
| 390 | 18 \times 25 | 1490 | 0.057 | 0.21 |
| 470 | 16 \times 35.5 | 1790 | 0.045 | 0.17 |
| 470 | 18 \times 31.5 | 1630 | 0.047 | 0.17 |
| 560 | 16 \times 40 | 2020 | 0.040 | 0.15 |
| 680 | 18 \times 35.5 | 1790 | 0.040 | 0.15 |
| 820 | 18 \times 40 | 2330 | 0.036 | 0.13 |

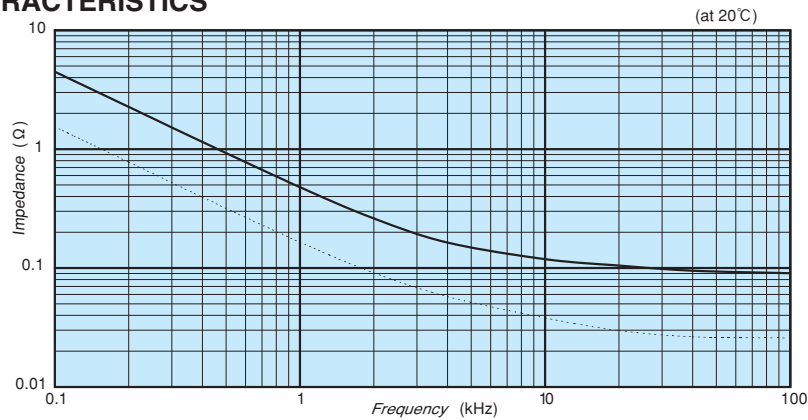
◆ CHARACTERISTIC DATA

————— 16 YXG 330 M 8×11.5
 - - - - - 25 YXG 1000 M 12.5×20

· TEMPERATURE CHARACTERISTICS



· FREQUENCY CHARACTERISTICS



· ENDURANCE

