

NTS Series / NTF Series

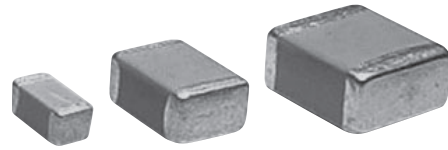
(General product)

Temperature cycle : 1000 cycles



◆FEATURES

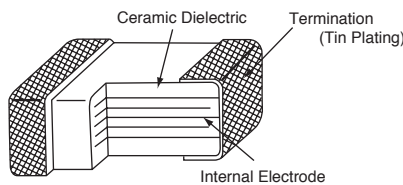
1. Large capacitance by small size.
2. X7R and X7S temperature characteristics.
3. High permissible ripple current capability.
4. NTF: Temperature cycle : 1000 cycles.



◆APPLICATIONS

1. Smoothing circuit of DC-DC converters.
2. On-board power supplies.
3. Voltage regulators for computers.
3. Noise suppressor for various kinds of equipments.
4. High reliability equipments.

◆CONSTRUCTION



◆RATINGS

| | |
|--------------------------------|--|
| 1. Category Temperature Range | -55 to +125°C |
| 2. Rated Voltage Range | 25, 35, 50, 100, 250, 500V _{dc} |
| 3. Rated Capacitance Range | 0.010 to 47μF |
| 4. Rated Capacitance Tolerance | M (±20%), K (±10%) |
| 5. Temperature Characteristics | X7R |
| 6. Rated Ripple Current | See No.5 on the following table |

◆SPECIFICATIONS

| No. | Items | Specification | Test Condition | | |
|---------------------------------|-----------------------|--|---|---------------------------------|-------------------------|
| 1 | Withstand Voltage | No abnormality. | Rated voltage | Withstand voltage | |
| | | | Less than 250V | 250% of rated voltage | |
| | | | More than 250V Less than 500V | 100V + 150% of rated voltage | |
| | | | More than 500V | 130% of rated voltage | |
| Shall be applied for 5 seconds. | | | | | |
| 2 | Insulation Resistance | 100/C _R (MΩ) or 4000(MΩ) whichever is less. | Rated voltage shall be applied for 60±5 seconds at temperature 25±2°C. | | |
| 3 | Rated Capacitance | Within specified tolerance. | C _R ≤10μF | C _R >10μF | |
| | | | Temperature | 25±2°C | |
| 4 | Dissipation Factor | X7R temperature characteristics of 5.0% or less X7S temperature characteristics of 7.5% or less | Frequency | 1±0.1kHz | 120±12Hz |
| | | | Voltage | 1±0.2V _{rms} | 0.5±0.2V _{rms} |
| | | | 10kHz~1MHz (sine curve) Ripple voltage V _p shall be less than the rated voltage. | | |
| 5 | Rated Ripple Current | See STANDARD RATINGS | | | |

As customer requirement, Chemi-Con has submits the test results according to AEC-Q200 for Multilayer ceramic capacitors. Please contact us for more information.

NTS Series / NTF Series

◆SPECIFICATIONS

| No. | Items | Specification | Test Condition | | | | | | | | | | | | | | | |
|--------------------|-----------------------------------|---|---|--------|------------------|--------------------|---------|------------------------------|-----------|---|------------------|--------|---|------------------------------|------|---|------------------|--------|
| 6 | Adhesion | No visible damage. | <p>Substrate 5N (0.51kgf) for 10±1 seconds Capacitor</p> | | | | | | | | | | | | | | | |
| 7 | Bend strength of the face plating | Appearance : No visible damage. ΔC/C : ±15% | <p>The substrate shall be bend at a rate of 1mm/s for 5 seconds.</p> <p>Press, Press bar, Substrate, Capacitor, Support, Bending capability*</p> <p>*Bending capability NTS : 1mm NTF : 1mm or 2mm</p> | | | | | | | | | | | | | | | |
| 8 | Solderability | Min. 75% of surface of the termination shall be covered with new solder | <table border="1"> <thead> <tr> <th>Solder</th> <th>Pb Free</th> </tr> </thead> <tbody> <tr> <td>Solder Temperature</td> <td>245±5°C</td> </tr> <tr> <td>Dipping Time</td> <td>2±0.5sec.</td> </tr> </tbody> </table> | Solder | Pb Free | Solder Temperature | 245±5°C | Dipping Time | 2±0.5sec. | | | | | | | | | |
| Solder | Pb Free | | | | | | | | | | | | | | | | | |
| Solder Temperature | 245±5°C | | | | | | | | | | | | | | | | | |
| Dipping Time | 2±0.5sec. | | | | | | | | | | | | | | | | | |
| 9 | Resistance to Soldering Heat | Appearance : No visible damage. ΔC/C : ±15% D.F. : To meet the initial specification. I.R. : To meet the initial specification. | <p>Preheating Condition :</p> <table border="1"> <thead> <tr> <th>Step</th> <th>Temperature</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>100±10°C</td> <td>2min.</td> </tr> <tr> <td>2</td> <td>200±10°C</td> <td>2min.</td> </tr> </tbody> </table> <p>Solder Temperature : 260±5°C Dipping Time : 2±0.5 seconds</p> | Step | Temperature | Time | 1 | 100±10°C | 2min. | 2 | 200±10°C | 2min. | | | | | | |
| Step | Temperature | Time | | | | | | | | | | | | | | | | |
| 1 | 100±10°C | 2min. | | | | | | | | | | | | | | | | |
| 2 | 200±10°C | 2min. | | | | | | | | | | | | | | | | |
| 10 | Temperature Cycle | Appearance : No visible damage. ΔC/C : ±15% D.F. : To meet the initial specification. I.R. : To meet the initial specification. | <table border="1"> <thead> <tr> <th>Step</th> <th>Temperature (°C)</th> <th>(min.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Min. Category temperature ±3</td> <td>30±3</td> </tr> <tr> <td>2</td> <td>Room temperature</td> <td>3 max.</td> </tr> <tr> <td>3</td> <td>Max. Category temperature ±3</td> <td>30±3</td> </tr> <tr> <td>4</td> <td>Room temperature</td> <td>3 max.</td> </tr> </tbody> </table> <p>For above temperature cycle. NTS : For 5 cycles NTF : For 1000 cycles</p> | Step | Temperature (°C) | (min.) | 1 | Min. Category temperature ±3 | 30±3 | 2 | Room temperature | 3 max. | 3 | Max. Category temperature ±3 | 30±3 | 4 | Room temperature | 3 max. |
| Step | Temperature (°C) | (min.) | | | | | | | | | | | | | | | | |
| 1 | Min. Category temperature ±3 | 30±3 | | | | | | | | | | | | | | | | |
| 2 | Room temperature | 3 max. | | | | | | | | | | | | | | | | |
| 3 | Max. Category temperature ±3 | 30±3 | | | | | | | | | | | | | | | | |
| 4 | Room temperature | 3 max. | | | | | | | | | | | | | | | | |
| 11 | Humidity Load Life | Appearance : No abnormality. ΔC/C : ±15% I.R. : 25/C _R (MΩ) or 1000(MΩ) whichever is less. Dissipation Factor X7R temperature characteristics D.F: 10% or less X7S temperature characteristics D.F: 15% or less | <p>Temperature : 40±2°C Humidity : 90 to 95%RH Voltage : Rated voltage Time : 500±²⁴₀hours</p> | | | | | | | | | | | | | | | |
| 12 | Endurance | Appearance : No abnormality. ΔC/C : ±15% I.R. : 50/C _R (MΩ) or 1000(MΩ) whichever is less. Dissipation Factor X7R temperature characteristics D.F: 10% or less X7S temperature characteristics D.F: 15% or less | <p>Temperature : 125±3°C Voltage : Rated voltage Time : 1000±⁴⁸₀hours</p> | | | | | | | | | | | | | | | |

*C_R : Rated Capacitance(μF)



MULTILAYER CERAMIC CHIP CAPACITORS

NTS Series

◆ STANDARD RATINGS

| Rated voltage (Vdc) | Rated Capacitance (μF) | Electrostatic Capacitance Temperature Characteristics | Case Code | Dimensions(mm) | | | | Maximum ripple current (Arms) | Part Number | Taping Quantity per reel (pcs./reel) |
|---------------------|------------------------|---|-------------|----------------|---------|---------|---------|-------------------------------|--------------------|--------------------------------------|
| | | | | inch / mm | L | W | T max. | | | |
| 25 | 1.0 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS250B105□31N0T00 | 3,000 |
| | 1.5 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS250B155□31N0T00 | 3,000 |
| | 2.2 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS250B225□31N0T00 | 3,000 |
| | 3.3 | X7S | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS250S335□31N0T00 | 2,000 |
| | 3.3 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS250B335□32N0T00 | 1,600 |
| | 4.7 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS250B475□32N0T00 | 1,600 |
| | 6.8 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS250B685□32N0T00 | 1,600 |
| | 10 | X7S | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS250S106□32N0T00 | 1,600 |
| | 10 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS250B106□43N0T00 | 800 |
| | 15 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS250B156□43N0T00 | 800 |
| | 22 | X7S | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS250S226□43N0T00 | 800 |
| | 22 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS250B226□55N0T00 | 800 |
| 33 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 3.0 | 0.8±0.5 | 2.0 | KTS250B336□55N0T00 | 800 | |
| 47 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 4.0 | 1.0±0.5 | 3.0 | KTS250B476□76N0T00 | 300 | |
| 35 | 1.0 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS350B105□31N0T00 | 3,000 |
| | 1.5 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS350B155□31N0T00 | 3,000 |
| | 2.2 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS350B225□31N0T00 | 3,000 |
| | 3.3 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS350B335□32N0T00 | 1,600 |
| | 4.7 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS350B475□32N0T00 | 1,600 |
| | 6.8 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS350B685□43N0T00 | 800 |
| | 10 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS350B106□43N0T00 | 800 |
| | 15 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS350B156□55N0T00 | 800 |
| | 22 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS350B226□55N0T00 | 800 |
| | 33 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 4.0 | 1.0±0.5 | 3.0 | KTS350B336□76N0T00 | 300 |
| | 47 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 4.0 | 1.0±0.5 | 3.0 | KTS350B476□76N0T00 | 300 |
| | 50 | 0.33 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B334□31N0T00 |
| 0.47 | | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B474□31N0T00 | 3,000 |
| 0.68 | | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B684□31N0T00 | 3,000 |
| 1.0 | | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B105□31N0T00 | 3,000 |
| 1.5 | | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B155□31N0T00 | 2,000 |
| 2.2 | | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS500B225□31N0T00 | 2,000 |
| 1.5 | | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS500B155□32N0T00 | 1,600 |
| 2.2 | | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS500B225□32N0T00 | 1,600 |
| 3.3 | | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS500B335□32N0T00 | 1,600 |
| 4.7 | | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS500B475□32N0T00 | 1,600 |
| 4.7 | | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS500B475□43N0T00 | 800 |
| 6.8 | | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS500B685□43N0T00 | 800 |
| 10 | | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS500B106□43N0T00 | 800 |
| 10 | | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS500B106□55N0T00 | 800 |
| 15 | | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS500B156□55N0T00 | 800 |
| 22 | | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 4.0 | 1.0±0.5 | 3.0 | KTS500B226□76N0T00 | 300 |
| 100 | 0.1 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B104□31N0T00 | 3,000 |
| | 0.15 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B154□31N0T00 | 3,000 |
| | 0.22 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B224□31N0T00 | 3,000 |
| | 0.33 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B334□31N0T00 | 3,000 |
| | 0.47 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B474□31N0T00 | 3,000 |
| | 0.68 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B684□31N0T00 | 3,000 |
| | 1.0 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B105□31N0T00 | 2,000 |
| | 1.5 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B155□31N0T00 | 2,000 |
| | 2.2 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS101B225□31N0T00 | 2,000 |
| | 1.0 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS101B105□32N0T00 | 1,600 |
| | 1.5 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS101B155□32N0T00 | 1,600 |
| | 2.2 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS101B225□32N0T00 | 1,600 |
| | 3.3 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS101B335□32N0T00 | 1,600 |
| | 4.7 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS101B475□32N0T00 | 1,600 |
| | 1.5 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS101B155□43N0T00 | 800 |
| | 2.2 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS101B225□43N0T00 | 800 |
| | 3.3 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.5 | 2.8 | 0.6±0.3 | 1.0 | KTS101B335□43J0T00 | 800 |
| | 4.7 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.5 | 3.2 | 0.6±0.3 | 1.0 | KTS101B475□43E0T00 | 800 |
| | 6.8 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS101B685□43N0T00 | 800 |
| | 3.3 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS101B335□55N0T00 | 800 |
| | 4.7 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS101B475□55N0T00 | 800 |
| | 6.8 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 3.2 | 0.8±0.5 | 2.0 | KTS101B685□55F0T00 | 800 |
| | 10 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 1.0±0.5 | 2.0 | KTS101B106□55N0T00 | 800 |
| | 6.8 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 3.5 | 1.0±0.5 | 3.0 | KTS101B685□76N0T00 | 300 |

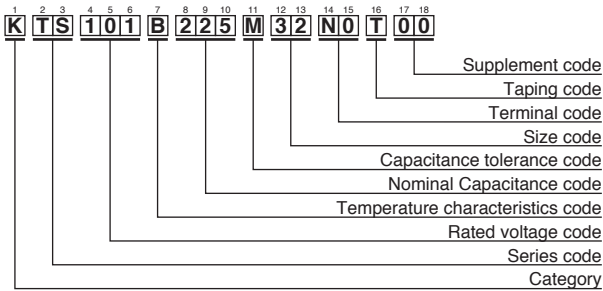
NTS Series

◆STANDARD RATINGS

| Rated voltage (Vdc) | Rated Capacitance (μF) | Electrostatic Capacitance Temperature Characteristics | Case Code | Dimensions(mm) | | | | Maximum ripple current (Arms) | Part Number | Taping Quantity per reel (pcs./reel) |
|---------------------|------------------------|---|-------------|----------------|---------|--------|---------|-------------------------------|--------------------|--------------------------------------|
| | | | inch / mm | L | W | T max. | a | | | |
| 250 | 0.01 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B103□31N0T00 | 3,000 |
| | 0.022 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B223□31N0T00 | 3,000 |
| | 0.033 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B333□31N0T00 | 3,000 |
| | 0.047 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B473□31N0T00 | 3,000 |
| | 0.068 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B683□31N0T00 | 3,000 |
| | 0.1 | X7R | 1206 / 3216 | 3.2±0.2 | 1.6±0.2 | 1.8 | 0.5±0.3 | 0.3 | KTS251B104□31N0T00 | 3,000 |
| | 0.15 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS251B154□32N0T00 | 1,600 |
| | 0.22 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS251B224□32N0T00 | 1,600 |
| | 0.33 | X7R | 1210 / 3225 | 3.2±0.4 | 2.5±0.3 | 2.6 | 0.6±0.3 | 0.5 | KTS251B334□32N0T00 | 1,600 |
| | 0.47 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS251B474□43N0T00 | 800 |
| | 0.68 | X7R | 1812 / 4532 | 4.5±0.4 | 3.2±0.4 | 2.8 | 0.6±0.3 | 1.0 | KTS251B684□43N0T00 | 800 |
| | 1.0 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 2.8 | 0.8±0.5 | 2.0 | KTS251B105□55N0T00 | 800 |
| 500 | 0.47 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 3.0 | 0.8±0.5 | 1.5 | KTS501B564□55N0T00 | 800 |
| | 0.56 | X7R | 2220 / 5750 | 5.7±0.4 | 5.0±0.4 | 3.0 | 0.8±0.5 | 1.5 | KTS501B684□55N0T00 | 800 |
| | 0.68 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 2.5 | 1.0±0.5 | 2.0 | KTS501B105□76N0T00 | 800 |
| | 1.0 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 3.2 | 1.0±0.5 | 2.0 | KTS501B125□76N0T00 | 800 |
| | 1.2 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 3.5 | 1.0±0.5 | 2.0 | KTS501B155□76N0T00 | 800 |
| | 1.5 | X7R | 3025 / 7563 | 7.5±0.5 | 6.3±0.5 | 5.0 | 1.0±0.5 | 3.0 | KTS251B225□76N0T00 | 800 |

※ The square (□) in part numbers is replaced by a capacitance tolerance code: 'K' when ±10%, or 'M' when ±20%
 ※ Please consult with us when you consider the rating other than a standard table.

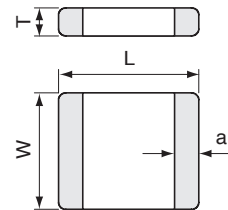
◆PART NUMBERING SYSTEM



Size Code

| Size Code | L × W (mm) |
|-----------|------------|
| 31 | 3.2 × 1.6 |
| 32 | 3.2 × 2.5 |
| 43 | 4.5 × 3.2 |
| 55 | 5.7 × 5.0 |
| 76 | 7.5 × 6.3 |

◆DIMENSIONS



Please refer to "Part Numbering System" of the beginning of a catalog for the details.