

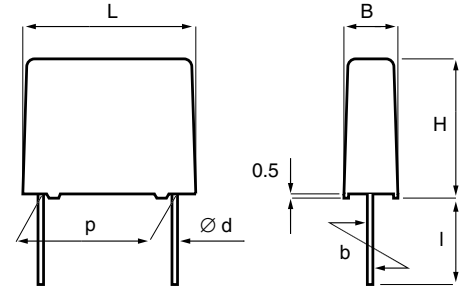
- Metallized polyphenylene sulfide
- Stable +150 °C high temperature capacitor

TYPICAL APPLICATIONS

Automotive and other applications with high ambient temperatures. Applications requiring high stability and low losses. Offers excellent sound quality in audio applications.

CONSTRUCTION

Polyphenylene sulphide film capacitor with vacuum-evaporated aluminum electrodes. Radial leads of tinned wire are electrically welded to the contact metal layer on the ends of the capacitor winding. Encapsulation in self-extinguishing material meeting the requirements of UL 94V-0.



TECHNICAL DATA

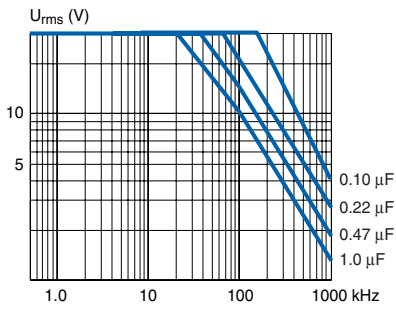
| | 50 | 63 | 100 | 250 | 400 |
|---|---|--------------------------|--|----------------------|----------------|
| Rated voltage U_R, VDC | 50 | 63 | 100 | 250 | 400 |
| Rated voltage U_R, VAC | 30 | 40 | 63 | 160 | 200 |
| Capacitance, μF | 0.001 - 22 | 0.001 - 22 | 0.001 - 12 | 0.001 - 3.9 | 0.001 - 1.8 |
| Capacitance tolerance | $\pm 20\%$, $\pm 10\%$, $\pm 5\%$, $\pm 2.5\%$ | | | | |
| Category temperature range | -55 ... +150°C | | | | |
| Rated temperature | -55 ... +125 °C | | | | |
| Voltage derating | From +125°C, the voltage derating is 2%/°C. | | | | |
| Climatic category | IEC 60068-1, 55/150/56 DIN 40040, FKD | | | | |
| Test voltage | 1.6 x U_R for 2s. | | | | |
| Reliability | Operational life > 200 000 h. Failure rate < 3 FIT, T = +40°C, U = 0.5 x U_R . Failure criteria according to DIN 44122. | | | | |
| Capacitance drift | Max. 0.3% after a 2 year storage period at a temperature of +10° ... +40°C and a relative humidity of 40 ... 60 %. | | | | |
| Dissipation factor $\tan\delta$ | Maximum values at +23°C | | | | |
| | | $C \leq 0.1\mu\text{F}$ | $0.1\mu\text{F} < C \leq 1.0\mu\text{F}$ | $C > 1.0\mu\text{F}$ | |
| SMR5 | 1 kHz | 0.15 % | 0.15 % | 0.15 % | |
| | 10 kHz | 0.25 % | 0.25 % | 0.35 % | |
| | 100 kHz | 0.50 % | 0.60 % | | |
| SMR7.5...27.5 | 1 kHz | 0.15 % | 0.15 % | 0.15 % | |
| | 10 kHz | 0.25 % | 0.25 % | | |
| | 100 kHz | 0.60 % | | | |
| Insulation resistance | Minimum values between terminals. Measured at +20°C, according to IEC 60384-1 | | | | |
| | | $C \leq 0.33\mu\text{F}$ | $C > 0.33\mu\text{F}$ | | |
| | $U_R \leq 100\text{ V}$ | 15 000 M Ω | 5 000 s | | |
| | $U_R > 100\text{ V}$ | 30 000 M Ω | 10 000 s | | |

| p | d | std l | max l | b |
|------------|-----|----------------|-------|-------|
| 5.0 ± 0.4 | 0.5 | 4 ⁺ | 30 | ± 0.4 |
| 7.5 ± 0.4 | 0.6 | 4 ⁺ | 30 | ± 0.4 |
| 10.0 ± 0.4 | 0.6 | 4 ⁺ | 30 | ± 0.4 |
| 15.0 ± 0.4 | 0.8 | 4 ⁺ | 30 | ± 0.4 |
| 22.5 ± 0.4 | 0.8 | 4 ⁺ | 30 | ± 0.4 |
| 27.5 ± 0.4 | 0.8 | 4 ⁺ | 30 | ± 0.4 |

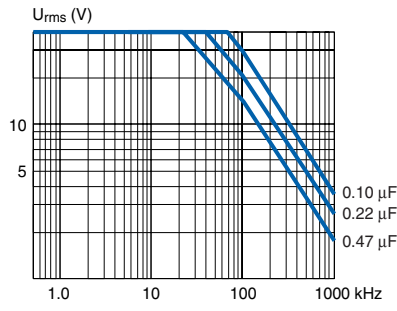
ENVIRONMENTAL TEST DATA

| | | |
|-----------------------|-------------------------|---|
| Damp heat test | Test conditions: | T = +40°C, RH = 93%, t = 56 days. |
| | Test criteria: | $\Delta C/C \leq \pm 3\%$, $\Delta \tan\delta \leq 0.0025$ (1kHz) IR after test 0.5 x IR min. |
| Endurance test | Test conditions: | T = +125°C, U = 1.25 x (0.5 x U_R), t = 2000 h. |
| | Test criteria: | $\Delta C/C \leq \pm 3\%$, $\Delta \tan\delta \leq 0.002$ (1kHz), C > 1 μF $\Delta \tan\delta \leq 0.003$ (10kHz), C $\leq 1\mu\text{F}$ IR after test 0.5 x IR min. |

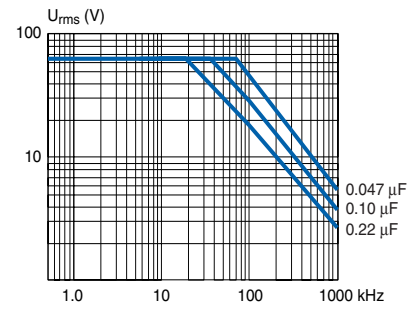
DERATING OF U_{RMS} VS FREQUENCY, +100°C AMBIENT TEMPERATURE AND 20°C INTERNAL HEATING, TYPICAL VALUES



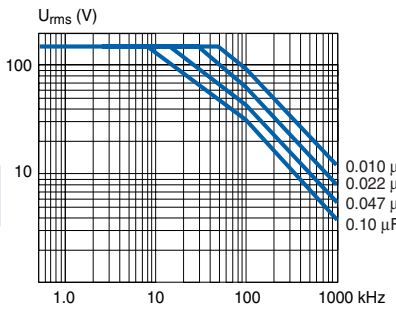
SMR5 50/30



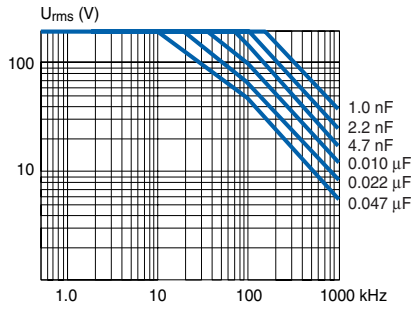
SMR5 63/40



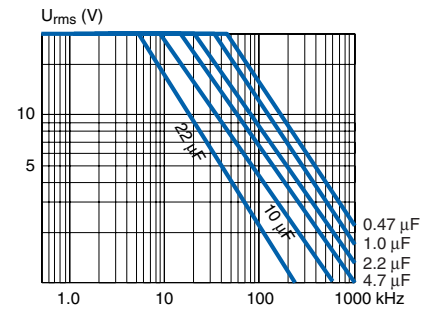
SMR5 100/63



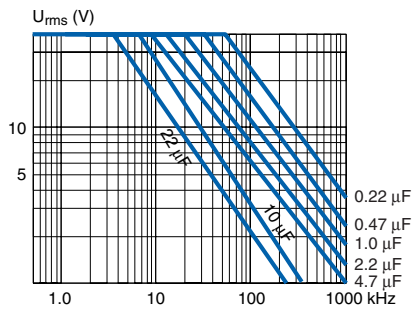
SMR5 250/160



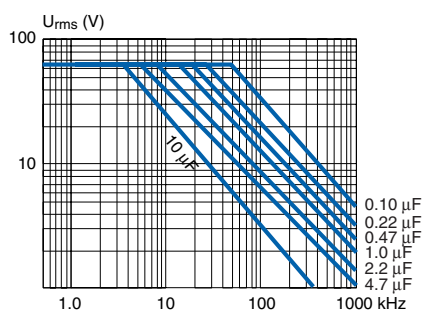
SMR5 400/200



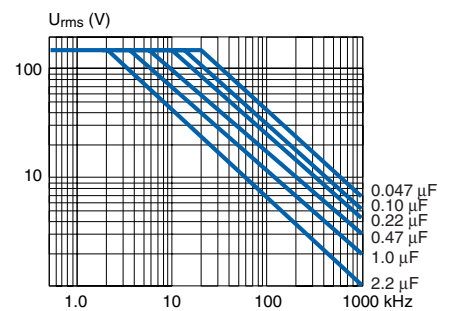
SMR7.5 ... 27.5 50/30



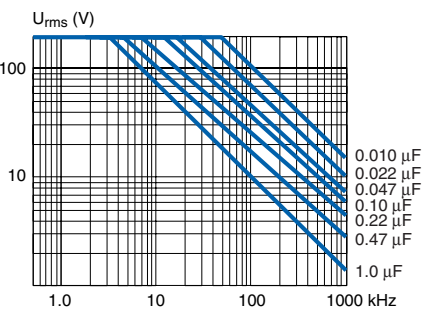
SMR7.5 ... 27.5 63/40



SMR7.5 ... 27.5 100/63



SMR7.5 ... 27.5 250/160



SMR7.5 ... 27.5 400/200

ORDERING INFORMATION

See article table and pages 11 to 15 for options and article code construction.

MARKING

- Capacitance
- Tolerance code
- Rated voltage
- Capacitor family code SMR
- Manufacturing date code

ARTICLE TABLE

Capaci- Box Max dimen- Max
tance code sions in mm dU/dt
 μF B H L $\text{V}/\mu\text{s}$ Article code

Capaci- Box Max dimen- Max
tance code sions in mm dU/dt
 μF B H L $\text{V}/\mu\text{s}$ Article code

50 VDC/30 VAC

63 VDC/40 VAC

LEAD SPACING 15 MM

LEAD SPACING 7.5 MM

| | | | | | | |
|-----|-----|-----|------|------|---|-----------------------|
| 2.2 | B10 | 6.5 | 12.5 | 18.0 | 6 | SMR15 225K50B10L4BULK |
| 2.7 | B06 | 7.5 | 14.5 | 18.0 | 6 | SMR15 275K50B06L4BULK |
| 3.3 | B06 | 7.5 | 14.5 | 18.0 | 6 | SMR15 335K50B06L4BULK |
| 3.9 | B12 | 8.0 | 15.0 | 18.0 | 6 | SMR15 395K50B12L4BULK |
| 4.7 | B11 | 8.5 | 16.0 | 18.0 | 6 | SMR15 475K50B11L4BULK |
| 5.6 | B14 | 9.5 | 17.5 | 18.0 | 6 | SMR15 565K50B14L4BULK |

| | | | | | | |
|--------|-----|-----|------|------|----|-------------------------|
| 0.0010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 102K63K01L4 BULK |
| 0.0012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 122K63K01L4 BULK |
| 0.0015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 152K63K01L4 BULK |
| 0.0018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 182K63K01L4 BULK |
| 0.0022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 222K63K01L4 BULK |
| 0.0027 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 272K63K01L4 BULK |
| 0.0033 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 332K63K01L4 BULK |
| 0.0039 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 392K63K01L4 BULK |
| 0.0047 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 472K63K01L4 BULK |
| 0.0056 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 562K63K01L4 BULK |
| 0.0068 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 682K63K01L4 BULK |
| 0.0082 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 822K63K01L4 BULK |
| 0.010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 103K63K01L4 BULK |
| 0.012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 123K63K01L4 BULK |
| 0.015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 153K63K01L4 BULK |
| 0.018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 183K63K01L4 BULK |
| 0.022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 223K63K01L4 BULK |
| 0.027 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 273K63K01L4 BULK |
| 0.033 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 333K63K01L4 BULK |
| 0.039 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 393K63K01L4 BULK |
| 0.047 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 473K63K01L4 BULK |
| 0.056 | K01 | 4.0 | 8.0 | 10.0 | 15 | SMR7,5 563K63K01L4 BULK |
| 0.068 | K01 | 4.0 | 8.0 | 10.0 | 15 | SMR7,5 683K63K01L4 BULK |
| 0.082 | K01 | 4.0 | 8.0 | 10.0 | 15 | SMR7,5 823K63K01L4 BULK |
| 0.10 | K01 | 4.0 | 8.0 | 10.0 | 15 | SMR7,5 104K63K01L4 BULK |
| 0.12 | K01 | 4.0 | 8.0 | 10.0 | 15 | SMR7,5 124K63K01L4 BULK |
| 0.15 | K01 | 4.0 | 8.0 | 10.0 | 10 | SMR7,5 154K63K01L4 BULK |
| 0.18 | K01 | 4.0 | 8.0 | 10.0 | 10 | SMR7,5 184K63K01L4 BULK |
| 0.22 | K01 | 4.0 | 8.0 | 10.0 | 10 | SMR7,5 224K63K01L4 BULK |
| 0.27 | K01 | 4.0 | 8.0 | 10.0 | 10 | SMR7,5 274K63K01L4 BULK |
| 0.33 | K03 | 5.0 | 11.0 | 10.0 | 10 | SMR7,5 334K63K03L4 BULK |
| 0.39 | K03 | 5.0 | 11.0 | 10.0 | 10 | SMR7,5 394K63K03L4 BULK |
| 0.47 | K03 | 5.0 | 11.0 | 10.0 | 10 | SMR7,5 474K63K03L4 BULK |
| 0.56 | K03 | 5.0 | 11.0 | 10.0 | 10 | SMR7,5 564K63K03L4 BULK |
| 0.68 | K04 | 6.0 | 12.0 | 10.5 | 10 | SMR7,5 684K63K04L4 BULK |
| 0.82 | K04 | 6.0 | 12.0 | 10.5 | 10 | SMR7,5 824K63K04L4 BULK |

LEAD SPACING 22.5 MM

| | | | | | | |
|------|-----|------|------|------|---|-------------------------|
| 6.8 | D14 | 8.0 | 16.0 | 26.0 | 3 | SMR22,5 685K50D14L4TRAY |
| 8.2 | D15 | 9.0 | 18.5 | 26.0 | 3 | SMR22,5 825K50D15L4TRAY |
| 10.0 | D18 | 10.5 | 19.0 | 26.0 | 3 | SMR22,5 106K50D18L4TRAY |
| 12.0 | D16 | 11.0 | 21.5 | 26.0 | 3 | SMR22,5 126K50D16L4TRAY |

LEAD SPACING 27.5 MM

| | | | | | | |
|------|-----|------|------|------|---|-------------------------|
| 15.0 | F11 | 10.5 | 20.5 | 31.5 | 2 | SMR27,5 156K50F11L4TRAY |
| 18.0 | F12 | 11.5 | 22.5 | 31.5 | 2 | SMR27,5 186K50F12L4TRAY |
| 22.0 | F13 | 14.5 | 24.5 | 31.5 | 2 | SMR27,5 226K50F13L4TRAY |

63 VDC/40 VAC

LEAD SPACING 5 MM

| | | | | | | |
|--------|-----|-----|------|-----|----|-----------------------|
| 0.0010 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 102K63J01L4 BULK |
| 0.0012 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 122K63J01L4 BULK |
| 0.0015 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 152K63J01L4 BULK |
| 0.0018 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 182K63J01L4 BULK |
| 0.0022 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 222K63J01L4 BULK |
| 0.0027 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 272K63J01L4 BULK |
| 0.0033 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 332K63J01L4 BULK |
| 0.0039 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 392K63J01L4 BULK |
| 0.0047 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 472K63J01L4 BULK |
| 0.0056 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 562K63J01L4 BULK |
| 0.0068 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 682K63J01L4 BULK |
| 0.0082 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 822K63J01L4 BULK |
| 0.010 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 103K63J01L4 BULK |
| 0.012 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 123K63J01L4 BULK |
| 0.015 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 153K63J01L4 BULK |
| 0.018 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 183K63J01L4 BULK |
| 0.022 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 223K63J01L4 BULK |
| 0.027 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 273K63J01L4 BULK |
| 0.033 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 333K63J01L4 BULK |
| 0.039 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 393K63J01L4 BULK |
| 0.047 | J01 | 2.5 | 6.5 | 7.2 | 6 | SMR5 473K63J01L4 BULK |
| 0.056 | J01 | 2.5 | 6.5 | 7.2 | 6 | SMR5 563K63J01L4 BULK |
| 0.068 | J01 | 2.5 | 6.5 | 7.2 | 6 | SMR5 683K63J01L4 BULK |
| 0.082 | J02 | 3.5 | 8.0 | 7.2 | 6 | SMR5 823K63J02L4 BULK |
| 0.10 | J02 | 3.5 | 8.0 | 7.2 | 6 | SMR5 104K63J02L4 BULK |
| 0.12 | J02 | 3.5 | 8.0 | 7.2 | 6 | SMR5 124K63J02L4 BULK |
| 0.15 | J02 | 3.5 | 8.0 | 7.2 | 6 | SMR5 154K63J02L4 BULK |
| 0.18 | J03 | 4.5 | 9.0 | 7.2 | 6 | SMR5 184K63J03L4 BULK |
| 0.22 | J03 | 4.5 | 9.0 | 7.2 | 6 | SMR5 224K63J03L4 BULK |
| 0.27 | J04 | 5.0 | 10.0 | 7.2 | 6 | SMR5 274K63J04L4 BULK |
| 0.33 | J04 | 5.0 | 10.0 | 7.2 | 6 | SMR5 334K63J04L4 BULK |
| 0.39 | J05 | 6.0 | 11.0 | 7.2 | 6 | SMR5 394K63J05L4 BULK |
| 0.47 | J05 | 6.0 | 11.0 | 7.2 | 6 | SMR5 474K63J05L4 BULK |
| 0.56 | J06 | 7.2 | 13.0 | 7.2 | 6 | SMR5 564K63J06L4 BULK |
| 0.68 | J06 | 7.2 | 13.0 | 7.2 | 6 | SMR5 684K63J06L4 BULK |

LEAD SPACING 10 MM

| | | | | | | |
|--------|-----|-----|-----|------|----|------------------------|
| 0.0027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 272K63A01L4 BULK |
| 0.0033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 332K63A01L4 BULK |
| 0.0039 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 392K63A01L4 BULK |
| 0.0047 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 472K63A01L4 BULK |
| 0.0056 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 562K63A01L4 BULK |
| 0.0068 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 682K63A01L4 BULK |
| 0.0082 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 822K63A01L4 BULK |
| 0.010 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 103K63A01L4 BULK |
| 0.012 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 123K63A01L4 BULK |
| 0.015 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 153K63A01L4 BULK |
| 0.018 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 183K63A01L4 BULK |
| 0.022 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 223K63A01L4 BULK |
| 0.027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 273K63A01L4 BULK |
| 0.033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 333K63A01L4 BULK |
| 0.039 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 393K63A01L4 BULK |
| 0.047 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 473K63A01L4 BULK |
| 0.056 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 563K63A01L4 BULK |
| 0.068 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 683K63A01L4 BULK |
| 0.082 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 823K63A01L4 BULK |
| 0.10 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 104K63A01L4 BULK |
| 0.12 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 124K63A01L4 BULK |
| 0.15 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 154K63A01L4 BULK |

ARTICLE TABLE

| Capacitance μF | Box code | Max dimensions in mm | | | Max dU/dt $\text{V}/\mu\text{s}$ | Article code | Capacitance μF | Box code | Max dimensions in mm | | | Max dU/dt $\text{V}/\mu\text{s}$ | Article code | | |
|------------------------------|----------|----------------------|------|------|-------------------------------------|-----------------------------|------------------------------|-----------------------------|----------------------|------|------|-------------------------------------|--------------|---------------------|------|
| | | B | H | L | | | | B | H | L | | | | | |
| 63 VDC/40 VAC | | | | | | 100 VDC/63 VAC | | | | | | | | | |
| LEAD SPACING 10MM | | | | | | LEAD SPACING 5 MM | | | | | | | | | |
| 0.18 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 184K63A01L4 | BULK | 0.015 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 153K100J01L4 | BULK |
| 0.22 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 224K63A01L4 | BULK | 0.018 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 183K100J01L4 | BULK |
| 0.27 | A01 | 4.0 | 9.0 | 13.0 | 8 | SMR10 274K63A01L4 | BULK | 0.022 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 223K100J01L4 | BULK |
| 0.33 | A01 | 4.0 | 9.0 | 13.0 | 8 | SMR10 334K63A01L4 | BULK | 0.027 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 273K100J01L4 | BULK |
| 0.39 | A01 | 4.0 | 9.0 | 13.0 | 8 | SMR10 394K63A01L4 | BULK | 0.033 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 333K100J01L4 | BULK |
| 0.47 | A02 | 4.5 | 10.5 | 13.0 | 8 | SMR10 474K63A02L4 | BULK | 0.039 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 393K100J01L4 | BULK |
| 0.56 | A02 | 4.5 | 10.5 | 13.0 | 8 | SMR10 564K63A02L4 | BULK | 0.047 | J02 | 3.5 | 8.0 | 7.2 | 15 | SMR5 473K100J02L4 | BULK |
| 0.68 | A03 | 5.0 | 11.0 | 13.0 | 8 | SMR10 684K63A03L4 | BULK | 0.056 | J03 | 4.5 | 9.0 | 7.2 | 15 | SMR5 563K100J03L4 | BULK |
| 0.82 | A04 | 6.0 | 12.0 | 13.0 | 8 | SMR10 824K63A04L4 | BULK | 0.068 | J03 | 4.5 | 9.0 | 7.2 | 15 | SMR5 683K100J03L4 | BULK |
| 1.0 | A04 | 6.0 | 12.0 | 13.0 | 8 | SMR10 105K63A04L4 | BULK | 0.082 | J03 | 4.5 | 9.0 | 7.2 | 15 | SMR5 823K100J03L4 | BULK |
| LEAD SPACING 15 MM | | | | | | LEAD SPACING 7.5 MM | | | | | | | | | |
| 0.68 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 684K63B04L4 | BULK | 0.10 | J03 | 4.5 | 9.0 | 7.2 | 15 | SMR5 104K100J03L4 | BULK |
| 0.82 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 824K63B04L4 | BULK | 0.12 | J04 | 5.0 | 10.0 | 7.2 | 15 | SMR5 124K100J04L4 | BULK |
| 1.0 | B05 | 5.5 | 12.5 | 18.0 | 8 | SMR15 105K63B05L4 | BULK | 0.15 | J05 | 6.0 | 11.0 | 7.2 | 15 | SMR5 154K100J05L4 | BULK |
| 1.2 | B10 | 6.5 | 12.5 | 18.0 | 6 | SMR15 125K63B10L4 | BULK | 0.18 | J05 | 6.0 | 11.0 | 7.2 | 15 | SMR5 184K100J05L4 | BULK |
| 1.5 | B10 | 6.5 | 12.5 | 18.0 | 6 | SMR15 155K63B10L4 | BULK | 0.22 | J06 | 7.2 | 13.0 | 7.2 | 15 | SMR5 224K100J06L4 | BULK |
| 1.8 | B06 | 7.5 | 14.5 | 18.0 | 6 | SMR15 185K63B06L4 | BULK | 0.27 | J06 | 7.2 | 13.0 | 7.2 | 15 | SMR5 274K100J06L4 | BULK |
| 2.2 | B12 | 8.0 | 15.0 | 18.0 | 6 | SMR15 225K63B12L4 | BULK | 0.33 | J06 | 7.2 | 13.0 | 7.2 | 15 | SMR5 334K100J06L4 | BULK |
| 2.7 | B11 | 8.5 | 16.0 | 18.0 | 6 | SMR15 275K63B11L4 | BULK | LEAD SPACING 22.5 MM | | | | | | | |
| 3.3 | B14 | 9.5 | 17.5 | 18.0 | 6 | SMR15 335K63B14L4 | BULK | 2.7 | D13 | 6.5 | 14.5 | 26.0 | 3 | SMR22.5 275K63D13L4 | TRAY |
| LEAD SPACING 22.5 MM | | | | | | LEAD SPACING 27.5 MM | | | | | | | | | |
| 3.3 | D17 | 7.0 | 16.5 | 26.0 | 3 | SMR22.5 335K63D17L4 | TRAY | 12.0 | F13 | 14.5 | 24.5 | 31.5 | 2 | SMR27,5 126K63F13L4 | TRAY |
| 3.9 | D14 | 8.0 | 16.0 | 26.0 | 3 | SMR22.5 395K63D14L4 | TRAY | 15.0 | F13 | 14.5 | 24.5 | 31.5 | 2 | SMR27,5 156K63F13L4 | TRAY |
| 4.7 | D15 | 9.0 | 18.5 | 26.0 | 3 | SMR22.5 475K63D15L4 | TRAY | 18.0 | F14 | 17.5 | 28.0 | 31.5 | 2 | SMR27,5 186K63F14L4 | TRAY |
| 5.6 | D15 | 9.0 | 18.5 | 26.0 | 3 | SMR22.5 565K63D15L4 | TRAY | 22.0 | F14 | 17.5 | 28.0 | 31.5 | 2 | SMR27,5 226K63F14L4 | TRAY |
| 6.8 | D18 | 10.5 | 19.0 | 26.0 | 3 | SMR22.5 685K63D18L4 | TRAY | 100 VDC/63 VAC | | | | | | | |
| 8.2 | D16 | 11.0 | 21.5 | 26.0 | 3 | SMR22.5 825K63D16L4 | TRAY | LEAD SPACING 5 MM | | | | | | | |
| 100 VDC/63 VAC | | | | | | LEAD SPACING 10 MM | | | | | | | | | |
| 0.0010 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 102K100J01L4 | BULK | 0.0027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 272K100A01L4 | BULK |
| 0.0012 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 122K100J01L4 | BULK | 0.0033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 332K100A01L4 | BULK |
| 0.0015 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 152K100J01L4 | BULK | 0.0039 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 392K100A01L4 | BULK |
| 0.0018 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 182K100J01L4 | BULK | 0.0047 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 472K100A01L4 | BULK |
| 0.0022 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 222K100J01L4 | BULK | | | | | | | | |
| 0.0027 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 272K100J01L4 | BULK | | | | | | | | |
| 0.0033 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 332K100J01L4 | BULK | | | | | | | | |
| 0.0039 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 392K100J01L4 | BULK | | | | | | | | |
| 0.0047 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 472K100J01L4 | BULK | | | | | | | | |
| 0.0056 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 562K100J01L4 | BULK | | | | | | | | |
| 0.0068 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 682K100J01L4 | BULK | | | | | | | | |
| 0.0082 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 822K100J01L4 | BULK | | | | | | | | |
| 0.010 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 103K100J01L4 | BULK | | | | | | | | |
| 0.012 | J01 | 2.5 | 6.5 | 7.2 | 15 | SMR5 123K100J01L4 | BULK | | | | | | | | |

ARTICLE TABLE

| Capacitance µF | Box code | Max dimensions in mm | | | Max dU/dt V/µs | Article code | | Capacitance µF | Box code | Max dimensions in mm | | | Max dU/dt V/µs | Article code |
|-----------------------------|----------|----------------------|------|------|-------------------|---------------------------|----------------------------|-------------------|----------|----------------------|------|----|--------------------------|--------------|
| | | B | H | L | | | | | | B | H | L | | |
| 100 VDC/63 VAC | | | | | | | 250 VDC/160 VAC | | | | | | | |
| LEAD SPACING 10 MM | | | | | | | LEAD SPACING 5 MM | | | | | | | |
| 0.0056 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 562K100A01L4 BULK | 0.0010 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 102K250J01L4 BULK | |
| 0.0068 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 682K100A01L4 BULK | 0.0012 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 122K250J01L4 BULK | |
| 0.0082 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 822K100A01L4 BULK | 0.0015 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 152K250J01L4 BULK | |
| 0.010 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 103K100A01L4 BULK | 0.0018 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 182K250J01L4 BULK | |
| 0.012 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 123K100A01L4 BULK | 0.0022 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 222K250J01L4 BULK | |
| 0.015 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 153K100A01L4 BULK | 0.0027 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 272K250J01L4 BULK | |
| 0.018 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 183K100A01L4 BULK | 0.0033 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 332K250J01L4 BULK | |
| 0.022 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 223K100A01L4 BULK | 0.0039 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 392K250J01L4 BULK | |
| 0.027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 273K100A01L4 BULK | 0.0047 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 472K250J01L4 BULK | |
| 0.033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 333K100A01L4 BULK | 0.0056 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 562K250J01L4 BULK | |
| 0.039 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 393K100A01L4 BULK | 0.0068 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 682K250J01L4 BULK | |
| 0.047 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 473K100A01L4 BULK | 0.0082 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 822K250J01L4 BULK | |
| 0.056 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 563K100A01L4 BULK | 0.010 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 103K250J01L4 BULK | |
| 0.068 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 683K100A01L4 BULK | 0.012 | J01 | 2.5 | 6.5 | 7.2 | 20 | SMR5 123K250J01L4 BULK | |
| 0.082 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 823K100A01L4 BULK | 0.015 | J02 | 3.5 | 8.0 | 7.2 | 20 | SMR5 153K250J02L4 BULK | |
| 0.10 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 104K100A01L4 BULK | 0.018 | J02 | 3.5 | 8.0 | 7.2 | 20 | SMR5 183K250J02L4 BULK | |
| 0.12 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 124K100A01L4 BULK | 0.022 | J02 | 3.5 | 8.0 | 7.2 | 20 | SMR5 223K250J02L4 BULK | |
| 0.15 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 154K100A01L4 BULK | 0.027 | J02 | 3.5 | 8.0 | 7.2 | 20 | SMR5 273K250J02L4 BULK | |
| 0.18 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 184K100A01L4 BULK | 0.033 | J03 | 4.5 | 9.0 | 7.2 | 20 | SMR5 333K250J03L4 BULK | |
| 0.22 | A01 | 4.0 | 9.0 | 13.0 | 10 | SMR10 224K100A01L4 BULK | 0.039 | J03 | 4.5 | 9.0 | 7.2 | 20 | SMR5 393K250J03L4 BULK | |
| 0.27 | A02 | 4.5 | 10.5 | 13.0 | 10 | SMR10 274K100A02L4 BULK | 0.047 | J03 | 4.5 | 9.0 | 7.2 | 20 | SMR5 473K250J03L4 BULK | |
| 0.33 | A03 | 5.0 | 11.0 | 13.0 | 10 | SMR10 334K100A03L4 BULK | 0.056 | J04 | 5.0 | 10.0 | 7.2 | 20 | SMR5 563K250J04L4 BULK | |
| 0.39 | A03 | 5.0 | 11.0 | 13.0 | 10 | SMR10 394K100A03L4 BULK | 0.068 | J05 | 6.0 | 11.0 | 7.2 | 20 | SMR5 683K250J05L4 BULK | |
| 0.47 | A04 | 6.0 | 12.0 | 13.0 | 10 | SMR10 474K100A04L4 BULK | 0.082 | J05 | 6.0 | 11.0 | 7.2 | 20 | SMR5 823K250J05L4 BULK | |
| 0.56 | A04 | 6.0 | 12.0 | 13.0 | 10 | SMR10 564K100A04L4 BULK | 0.10 | J06 | 7.2 | 13.0 | 7.2 | 20 | SMR5 104K250J06L4 BULK | |
| | | | | | | | 0.12 | J06 | 7.2 | 13.0 | 7.2 | 20 | SMR5 124K250J06L4 BULK | |
| LEAD SPACING 15 MM | | | | | | | LEAD SPACING 7.5 MM | | | | | | | |
| 0.27 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 274K100B04L4 BULK | 0.0010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 102K250K01L4 BULK | |
| 0.33 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 334K100B04L4 BULK | 0.0012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 122K250K01L4 BULK | |
| 0.39 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 394K100B04L4 BULK | 0.0015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 152K250K01L4 BULK | |
| 0.47 | B04 | 5.5 | 10.5 | 18.0 | 8 | SMR15 474K100B04L4 BULK | 0.0018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 182K250K01L4 BULK | |
| 0.56 | B05 | 5.5 | 12.5 | 18.0 | 8 | SMR15 564K100B05L4 BULK | 0.0022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 222K250K01L4 BULK | |
| 0.68 | B10 | 6.5 | 12.5 | 18.0 | 8 | SMR15 684K100B10L4 BULK | 0.0027 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 272K250K01L4 BULK | |
| 0.82 | B06 | 7.5 | 14.5 | 18.0 | 8 | SMR15 824K100B06L4 BULK | 0.0033 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 332K250K01L4 BULK | |
| 1.0 | B06 | 7.5 | 14.5 | 18.0 | 8 | SMR15 105K100B06L4 BULK | 0.0039 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 392K250K01L4 BULK | |
| 1.2 | B12 | 8.0 | 15.0 | 18.0 | 8 | SMR15 125K100B12L4 BULK | 0.0047 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 472K250K01L4 BULK | |
| 1.5 | B11 | 8.5 | 16.0 | 18.0 | 8 | SMR15 155K100B11L4 BULK | 0.0056 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 562K250K01L4 BULK | |
| 1.8 | B14 | 9.5 | 17.5 | 18.0 | 8 | SMR15 185K100B14L4 BULK | 0.0068 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 682K250K01L4 BULK | |
| | | | | | | | 0.0082 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 822K250K01L4 BULK | |
| LEAD SPACING 22.5 MM | | | | | | | LEAD SPACING 7.5 MM | | | | | | | |
| 1.5 | D13 | 6.5 | 14.5 | 26.0 | 4 | SMR22,5 155K100D13L4 TRAY | 0.010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 103K250K01L4 BULK | |
| 1.8 | D17 | 7.0 | 16.5 | 26.0 | 4 | SMR22,5 185K100D17L4 TRAY | 0.012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 123K250K01L4 BULK | |
| 2.2 | D14 | 8.0 | 16.0 | 26.0 | 4 | SMR22,5 225K100D14L4 TRAY | 0.015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 153K250K01L4 BULK | |
| 2.7 | D15 | 9.0 | 18.5 | 26.0 | 4 | SMR22,5 275K100D15L4 TRAY | 0.018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 183K250K01L4 BULK | |
| 3.3 | D18 | 10.5 | 19.0 | 26.0 | 4 | SMR22,5 335K100D18L4 TRAY | 0.022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 223K250K01L4 BULK | |
| 3.9 | D18 | 10.5 | 19.0 | 26.0 | 4 | SMR22,5 395K100D18L4 TRAY | 0.027 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 273K250K01L4 BULK | |
| 4.7 | D16 | 11.0 | 21.5 | 26.0 | 4 | SMR22,5 475K100D16L4 TRAY | 0.033 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 333K250K01L4 BULK | |
| | | | | | | | 0.039 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 393K250K01L4 BULK | |
| LEAD SPACING 27.5 MM | | | | | | | LEAD SPACING 7.5 MM | | | | | | | |
| 5.6 | F12 | 11.5 | 22.5 | 31.5 | 3 | SMR27,5 565K100F12L4 TRAY | 0.047 | K01 | 4.0 | 8.0 | 10.0 | 20 | SMR7,5 473K250K01L4 BULK | |
| 6.8 | F13 | 14.5 | 24.5 | 31.5 | 3 | SMR27,5 685K100F13L4 TRAY | 0.056 | K03 | 5.0 | 11.0 | 10.0 | 20 | SMR7,5 563K250K03L4 BULK | |
| 8.2 | F13 | 14.5 | 24.5 | 31.5 | 3 | SMR27,5 825K100F13L4 TRAY | 0.068 | K03 | 5.0 | 11.0 | 10.0 | 20 | SMR7,5 683K250K03L4 BULK | |
| 10.0 | F14 | 17.5 | 28.0 | 31.5 | 3 | SMR27,5 106K100F14L4 TRAY | 0.082 | K03 | 5.0 | 11.0 | 10.0 | 20 | SMR7,5 823K250K03L4 BULK | |
| 12.0 | F14 | 17.5 | 28.0 | 31.5 | 3 | SMR27,5 126K100F14L4 TRAY | 0.10 | K03 | 5.0 | 11.0 | 10.0 | 20 | SMR7,5 104K250K03L4 BULK | |
| | | | | | | | 0.12 | K04 | 6.0 | 12.0 | 10.5 | 20 | SMR7,5 124K250K04L4 BULK | |
| | | | | | | | 0.15 | K04 | 6.0 | 12.0 | 10.5 | 20 | SMR7,5 154K250K04L4 BULK | |

ARTICLE TABLE

| Capacitance µF | Box code | Max dimensions in mm | | | Max dU/dt V/µs | Article code | | Capacitance µF | Box code | Max dimensions in mm | | | Max dU/dt V/µs | Article code |
|-----------------------------|----------|----------------------|------|------|-------------------|---------------------------|----------------------------|-------------------|----------|----------------------|------|----|-------------------------|--------------|
| | | B | H | L | | | | | | B | H | L | | |
| 250 VDC/160 VAC | | | | | | | 400 VDC/200 VAC | | | | | | | |
| LEAD SPACING 10 MM | | | | | | | LEAD SPACING 5 MM | | | | | | | |
| 0.0027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 272K250A01L4 BULK | 0.0010 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 102K400J01L4 BULK | |
| 0.0033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 332K250A01L4 BULK | 0.0012 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 122K400J01L4 BULK | |
| 0.0039 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 392K250A01L4 BULK | 0.0015 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 152K400J01L4 BULK | |
| 0.0047 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 472K250A01L4 BULK | 0.0018 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 182K400J01L4 BULK | |
| 0.0056 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 562K250A01L4 BULK | 0.0022 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 222K400J01L4 BULK | |
| 0.0068 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 682K250A01L4 BULK | 0.0027 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 272K400J01L4 BULK | |
| 0.0082 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 822K250A01L4 BULK | 0.0033 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 332K400J01L4 BULK | |
| 0.010 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 103K250A01L4 BULK | 0.0039 | J01 | 2.5 | 6.5 | 7.2 | 40 | SMR5 392K400J01L4 BULK | |
| 0.012 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 123K250A01L4 BULK | 0.0047 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 472K400J02L4 BULK | |
| 0.015 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 153K250A01L4 BULK | 0.0056 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 562K400J02L4 BULK | |
| 0.018 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 183K250A01L4 BULK | 0.0068 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 682K400J02L4 BULK | |
| 0.022 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 223K250A01L4 BULK | 0.0082 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 822K400J02L4 BULK | |
| 0.027 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 273K250A01L4 BULK | 0.010 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 103K400J02L4 BULK | |
| 0.033 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 333K250A01L4 BULK | 0.012 | J02 | 3.5 | 8.0 | 7.2 | 40 | SMR5 123K400J02L4 BULK | |
| 0.039 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 393K250A01L4 BULK | 0.015 | J03 | 4.5 | 9.0 | 7.2 | 40 | SMR5 153K400J03L4 BULK | |
| 0.047 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 473K250A01L4 BULK | 0.018 | J03 | 4.5 | 9.0 | 7.2 | 40 | SMR5 183K400J03L4 BULK | |
| 0.056 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 563K250A01L4 BULK | 0.022 | J04 | 5.0 | 10.0 | 7.2 | 40 | SMR5 223K400J04L4 BULK | |
| 0.068 | A01 | 4.0 | 9.0 | 13.0 | 15 | SMR10 683K250A01L4 BULK | 0.027 | J04 | 5.0 | 10.0 | 7.2 | 40 | SMR5 273K400J04L4 BULK | |
| 0.082 | A02 | 4.5 | 10.5 | 13.0 | 15 | SMR10 823K250A02L4 BULK | 0.033 | J05 | 6.0 | 11.0 | 7.2 | 40 | SMR5 333K400J05L4 BULK | |
| 0.10 | A02 | 4.5 | 10.5 | 13.0 | 15 | SMR10 104K250A02L4 BULK | 0.039 | J05 | 6.0 | 11.0 | 7.2 | 40 | SMR5 393K400J05L4 BULK | |
| 0.12 | A03 | 5.0 | 11.0 | 13.0 | 15 | SMR10 124K250A03L4 BULK | 0.047 | J06 | 7.2 | 13.0 | 7.2 | 40 | SMR5 473K400J06L4 BULK | |
| 0.15 | A04 | 6.0 | 12.0 | 13.0 | 15 | SMR10 154K250A04L4 BULK | 0.056 | J06 | 7.2 | 13.0 | 7.2 | 40 | SMR5 563K400J06L4 BULK | |
| 0.18 | A04 | 6.0 | 12.0 | 13.0 | 15 | SMR10 184K250A04L4 BULK | | | | | | | | |
| LEAD SPACING 15 MM | | | | | | | LEAD SPACING 7.5 MM | | | | | | | |
| 0.10 | B04 | 5.5 | 10.5 | 18.0 | 10 | SMR15 104K250B04L4 BULK | 0.0010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 102K400K01L4BULK | |
| 0.12 | B04 | 5.5 | 10.5 | 18.0 | 10 | SMR15 124K250B04L4 BULK | 0.0012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 122K400K01L4BULK | |
| 0.15 | B04 | 5.5 | 10.5 | 18.0 | 10 | SMR15 154K250B04L4 BULK | 0.0015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 152K400K01L4BULK | |
| 0.18 | B05 | 5.5 | 12.5 | 18.0 | 10 | SMR15 184K250B05L4 BULK | 0.0018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 182K400K01L4BULK | |
| 0.22 | B10 | 6.5 | 12.5 | 18.0 | 10 | SMR15 224K250B10L4 BULK | 0.0022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 222K400K01L4BULK | |
| 0.27 | B06 | 7.5 | 14.5 | 18.0 | 10 | SMR15 274K250B06L4 BULK | 0.0027 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 272K400K01L4BULK | |
| 0.33 | B06 | 7.5 | 14.5 | 18.0 | 10 | SMR15 334K250B06L4 BULK | 0.0033 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 332K400K01L4BULK | |
| 0.39 | B12 | 8.0 | 15.0 | 18.0 | 10 | SMR15 394K250B12L4 BULK | 0.0039 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 392K400K01L4BULK | |
| 0.47 | B11 | 8.5 | 16.0 | 18.0 | 10 | SMR15 474K250B11L4 BULK | 0.0047 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 472K400K01L4BULK | |
| 0.56 | B14 | 9.5 | 17.5 | 18.0 | 10 | SMR15 564K250B14L4 BULK | 0.0056 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 562K400K01L4BULK | |
| LEAD SPACING 22.5 MM | | | | | | | 0.0068 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 682K400K01L4BULK | |
| 0.47 | D13 | 6.5 | 14.5 | 26.0 | 8 | SMR22.5 474K250D13L4 TRAY | 0.0082 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 822K400K01L4BULK | |
| 0.56 | D17 | 7.0 | 16.5 | 26.0 | 8 | SMR22.5 564K250D17L4 TRAY | 0.010 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 103K400K01L4BULK | |
| 0.68 | D17 | 7.0 | 16.5 | 26.0 | 8 | SMR22.5 684K250D17L4 TRAY | 0.012 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 123K400K01L4BULK | |
| 0.82 | D15 | 9.0 | 18.5 | 26.0 | 8 | SMR22.5 824K250D15L4 TRAY | 0.015 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 153K400K01L4BULK | |
| 1.0 | D15 | 9.0 | 18.5 | 26.0 | 8 | SMR22.5 105K250D15L4 TRAY | 0.018 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 183K400K01L4BULK | |
| 1.2 | D18 | 10.5 | 19.0 | 26.0 | 8 | SMR22.5 125K250D18L4 TRAY | 0.022 | K01 | 4.0 | 8.0 | 10.0 | 30 | SMR7,5 223K400K01L4BULK | |
| 1.5 | D16 | 11.0 | 21.5 | 26.0 | 8 | SMR22.5 155K250D16L4 TRAY | 0.027 | K03 | 5.0 | 11.0 | 10.0 | 30 | SMR7,5 273K400K03L4BULK | |
| LEAD SPACING 27.5 MM | | | | | | | 0.033 | K03 | 5.0 | 11.0 | 10.0 | 30 | SMR7,5 333K400K03L4BULK | |
| 1.5 | F11 | 10.5 | 20.5 | 31.5 | 6 | SMR27,5 155K250F11L4 TRAY | 0.039 | K03 | 5.0 | 11.0 | 10.0 | 30 | SMR7,5 393K400K03L4BULK | |
| 1.8 | F11 | 10.5 | 20.5 | 31.5 | 6 | SMR27,5 185K250F11L4 TRAY | 0.047 | K03 | 5.0 | 11.0 | 10.0 | 30 | SMR7,5 473K400K03L4BULK | |
| 2.2 | F12 | 11.5 | 22.5 | 31.5 | 6 | SMR27,5 225K250F12L4 TRAY | 0.056 | K04 | 6.0 | 12.0 | 10.5 | 30 | SMR7,5 563K400K04L4BULK | |
| 2.7 | F13 | 14.5 | 24.5 | 31.5 | 6 | SMR27,5 275K250F13L4 TRAY | 0.068 | K04 | 6.0 | 12.0 | 10.5 | 30 | SMR7,5 683K400K04L4BULK | |
| 3.3 | F14 | 17.5 | 28.0 | 31.5 | 6 | SMR27,5 335K250F14L4 TRAY | | | | | | | | |
| 3.9 | F14 | 17.5 | 28.0 | 31.5 | 6 | SMR27,5 395K250F14L4 TRAY | LEAD SPACING 10 MM | | | | | | | |
| | | | | | | | 0.0027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 272K400A01L4BULK | |
| | | | | | | | 0.0033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 332K400A01L4BULK | |
| | | | | | | | 0.0039 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 392K400A01L4BULK | |
| | | | | | | | 0.0047 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 472K400A01L4BULK | |
| | | | | | | | 0.0068 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 682K400A01L4BULK | |
| | | | | | | | 0.0082 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 822K400A01L4BULK | |
| | | | | | | | 0.010 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 103K400A01L4BULK | |
| | | | | | | | 0.012 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 123K400A01L4BULK | |
| | | | | | | | 0.015 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 153K400A01L4BULK | |
| | | | | | | | 0.018 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 183K400A01L4BULK | |

ARTICLE TABLE

Capaci- Box Max dimen- Max
tance code sions in mm dU/dt
 μF B H L V/ μs Article code

400 VDC/200 VAC

LEAD SPACING 10 MM

| | | | | | | |
|-------|-----|-----|------|------|----|------------------------|
| 0.022 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 223K400A01L4BULK |
| 0.027 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 273K400A01L4BULK |
| 0.033 | A01 | 4.0 | 9.0 | 13.0 | 25 | SMR10 333K400A01L4BULK |
| 0.039 | A02 | 4.5 | 10.5 | 13.0 | 25 | SMR10 393K400A02L4BULK |
| 0.047 | A03 | 5.0 | 11.0 | 13.0 | 25 | SMR10 473K400A03L4BULK |
| 0.056 | A03 | 5.0 | 11.0 | 13.0 | 25 | SMR10 563K400A03L4BULK |
| 0.068 | A04 | 6.0 | 12.0 | 13.0 | 25 | SMR10 683K400A04L4BULK |
| 0.082 | A04 | 6.0 | 12.0 | 13.0 | 25 | SMR10 823K400A04L4BULK |

LEAD SPACING 15 MM

| | | | | | | |
|-------|-----|-----|------|------|----|------------------------|
| 0.047 | B04 | 5.5 | 10.5 | 18.0 | 15 | SMR15 473K400B04L4BULK |
| 0.056 | B04 | 5.5 | 10.5 | 18.0 | 15 | SMR15 563K400B04L4BULK |
| 0.068 | B04 | 5.5 | 10.5 | 18.0 | 15 | SMR15 683K400B04L4BULK |
| 0.082 | B05 | 5.5 | 12.5 | 18.0 | 15 | SMR15 823K400B05L4BULK |
| 0.10 | B10 | 6.5 | 12.5 | 18.0 | 15 | SMR15 104K400B10L4BULK |
| 0.12 | B06 | 7.5 | 14.5 | 18.0 | 15 | SMR15 124K400B06L4BULK |
| 0.15 | B06 | 7.5 | 14.5 | 18.0 | 15 | SMR15 154K400B06L4BULK |
| 0.18 | B12 | 8.0 | 15.0 | 18.0 | 15 | SMR15 184K400B12L4BULK |
| 0.22 | B11 | 8.5 | 16.0 | 18.0 | 15 | SMR15 224K400B11L4BULK |
| 0.27 | B14 | 9.5 | 17.5 | 18.0 | 15 | SMR15 274K400B14L4BULK |

ARTICLE TABLE

Capaci- Box Max dimen- Max
tance code sions in mm dU/dt
 μF B H L V/ μs Article code

400 VDC/200 VAC

LEAD SPACING 22.5 MM

| | | | | | | |
|------|-----|------|------|------|----|--------------------------|
| 0.15 | D13 | 6.5 | 14.5 | 26.0 | 10 | SMR22,5 154K400D13L4TRAY |
| 0.18 | D13 | 6.5 | 14.5 | 26.0 | 10 | SMR22,5 184K400D13L4TRAY |
| 0.22 | D13 | 6.5 | 14.5 | 26.0 | 10 | SMR22,5 224K400D13L4TRAY |
| 0.27 | D17 | 7.0 | 16.5 | 26.0 | 10 | SMR22,5 274K400D17L4TRAY |
| 0.33 | D14 | 8.0 | 16.0 | 26.0 | 10 | SMR22,5 334K400D14L4TRAY |
| 0.39 | D15 | 9.0 | 18.5 | 26.0 | 10 | SMR22,5 394K400D15L4TRAY |
| 0.47 | D15 | 9.0 | 18.5 | 26.0 | 10 | SMR22,5 474K400D15L4TRAY |
| 0.56 | D18 | 10.5 | 19.0 | 26.0 | 10 | SMR22,5 564K400D18L4TRAY |
| 0.68 | D16 | 11.0 | 21.5 | 26.0 | 10 | SMR22,5 684K400D16L4TRAY |

LEAD SPACING 27.5 MM

| | | | | | | |
|------|-----|------|------|------|---|--------------------------|
| 0.47 | F11 | 10.5 | 20.5 | 31.5 | 8 | SMR27,5 474K400F11L4TRAY |
| 0.56 | F11 | 10.5 | 20.5 | 31.5 | 8 | SMR27,5 564K400F11L4TRAY |
| 0.68 | F11 | 10.5 | 20.5 | 31.5 | 8 | SMR27,5 684K400F11L4TRAY |
| 0.82 | F12 | 11.5 | 22.5 | 31.5 | 8 | SMR27,5 824K400F12L4TRAY |
| 1.0 | F12 | 11.5 | 22.5 | 31.5 | 8 | SMR27,5 105K400F12L4TRAY |
| 1.2 | F13 | 14.5 | 24.5 | 31.5 | 8 | SMR27,5 125K400F13L4TRAY |
| 1.5 | F14 | 17.5 | 28.0 | 31.5 | 8 | SMR27,5 155K400F14L4TRAY |
| 1.8 | F14 | 17.5 | 28.0 | 31.5 | 8 | SMR27,5 185K400F14L4TRAY |