

Type SEK 105 °C Radial Leaded Aluminum Electrolytic Capacitors

Long Life, Aluminum Electrolytic



Type SEK is a radial leaded aluminum electrolytic capacitor with a +105 °C, long life rating. The volumetric efficient high CV product of the SEK makes it ideal for high density packaging in general purpose, coupling, decoupling, bypass and filtering circuit applications.

Highlights

- +105 °C
- Long life
- High CV product
- General purpose applications
- Available in T&R and ammo pack

Specifications

| | |
|-------------------------------------|--|
| Capacitance Range: | 0.47 to 15,000 μ F |
| Voltage Range: | 6.3 to 450 Vdc |
| Capacitance Tolerance: | \pm 20% |
| Operating Temperature Range: | -55 °C to +105 °C; 6.3 to 100 Vdc -40 °C to +105 °C; 160 to 400 Vdc -25 °C to +105 °C; 450 Vdc |
| Maximum DC Leakage Current: | After 2 minutes, with rated voltage at +20 °C 6.3 to 100 Vdc $I = .01CV$ or 3 μ A Max (whichever is greater) \geq 160 Vdc after 3 min, with rated voltage at +20 °C $I = .03CV$ or 10 μ A Max (whichever is greater) C = Capacitance in (μ F) V = Rated voltage I = Leakage current in μ A |

Dissipation Factor @ 120 Hz, +25 °C:

| WV (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 160-250 | 350-450 |
|--------|-----|----|----|----|----|----|----|----|-----|---------|---------|
| DF(%) | 26 | 22 | 18 | 16 | 14 | 12 | 10 | 10 | 10 | 15 | 20 |

For capacitors whose capacitance value exceeds 1000 μ F, the value of DF (%) is increased 2% for every additional 1000 μ F.

Ripple Multipliers for Voltage and Temperature:

| Rated WVDC | Ripple Multipliers | | | |
|------------|--------------------|-------|------|-------|
| | 60Hz | 120Hz | 1kHz | 10kHz |
| 6 to 25 | 0.80 | 1.0 | 1.1 | 1.2 |
| 35 to 100 | 0.75 | 1.0 | 1.3 | 1.4 |
| 160 to 250 | 0.70 | 1.0 | 1.4 | 1.6 |
| 350 to 400 | 0.60 | 1.0 | 1.5 | 1.8 |

| Ambient Temperature | Ripple Multiplier |
|---------------------|-------------------|
| +105 °C | 1.00 |
| +85 °C | 1.50 |
| +70 °C | 1.80 |



Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

- Load Life:** Apply WVDC for 2000 hours at +105 °C
Capacitance change within 20% of initial limit
DF not to exceed 200% of initial requirement
Leakage current not to exceed 200% of initial
- Shelf Life:** 1000 hrs with no voltage applied
Cap change within \pm 20% of initial values
DF not to exceed 200% of initial requirement
DC leakage current meets initial requirement

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Outline Drawing

Outline Dimensions (Millimeters)



Case vented on diameters 6.3 and greater

Vinyl sleeve adds .5 Max. to diameter and 2.0 Max. to length

Part Numbering System

| Type | Capacitance Capacitance (μF) Tolerance (%) | Rated Voltage (Vdc) | Packaging | Lead Configuration | |
|------|---|------------------------------|------------------------------------|--|--|
| SEK | 100 M | 100 | S | T | |
| | 3R0 = 3 100 = 10 101 = 100 102 = 1000 | K = ± 10 M = ± 20 | 6R3 = 6.3 010 = 10 100 = 100 | A = Tape & Ammo E = Different Characteristic R = Tape & Reel S = Standard | 1 = Lead cut 2 = Lead form 4 = Lead crimp & cut (form) T = Standard |

Temperature Characteristics



Load Life Characteristics



Type SEK 105 °C Radial Leaded Aluminum Electrolytic Capacitors

Ratings

| Cap (μ F) | Catalog Part Number | Max ESR 120 Hz 25 °C (Ω) | Max Ripple 120 Hz 105 °C (mA) | Size in. (mm) | | | |
|--------------------------------|------------------------|--|--|-----------------|---------------|-------------------|------------------|
| | | | | Diameter (D) | Length (L) | Lead Space (S) | Lead Dia. (d) |
| 6.3 Vdc (8 Volts Surge) | | | | | | | |
| 100 | SEK101M6R3ST | 3.45 | 100 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 220 | SEK221M6R3ST | 1.57 | 165 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 330 | SEK331M6R3ST | 1.05 | 200 | .248 (6.3) | .453 (11.5) | .098 (2.5) | .0197 (0.5) |
| 470 | SEK471M6R3ST | 0.73 | 280 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 1000 | SEK102M6R3ST | 0.35 | 470 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 2200 | SEK222M6R3ST | 0.17 | 930 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 3300 | SEK332M6R3ST | 0.12 | 1100 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 4700 | SEK472M6R3ST | 0.10 | 1320 | .630 (16.0) | .984 (26.0) | .295 (7.5) | .0315 (0.8) |
| 6800 | SEK682M6R3ST | 0.07 | 1490 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 10000 | SEK103M6R3ST | 0.06 | 1830 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 15000 | SEK153M6R3ST | 0.05 | 2280 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 10 Vdc (13 Volts Surge) | | | | | | | |
| 47 | SEK470M010ST | 6.21 | 75 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 100 | SEK101M010ST | 2.92 | 110 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 220 | SEK221M010ST | 1.33 | 180 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 330 | SEK331M010ST | 0.88 | 255 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 470 | SEK471M010ST | 0.62 | 305 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 1000 | SEK102M010ST | 0.29 | 570 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 2200 | SEK222M010ST | 0.14 | 1010 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 3300 | SEK332M010ST | 0.10 | 1220 | .512 (13.0) | .984 (25.0) | .197 (5.0) | .0236 (0.6) |
| 4700 | SEK472M010ST | 0.08 | 1410 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 6800 | SEK682M010ST | 0.07 | 1610 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 10000 | SEK103M010ST | 0.05 | 1980 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 15000 | SEK153M010ST | 0.04 | 3330 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 16 Vdc (20 Volts Surge) | | | | | | | |
| 33 | SEK330M016ST | 7.24 | 70 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 47 | SEK470M016ST | 5.08 | 85 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 100 | SEK101M016ST | 2.39 | 135 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 220 | SEK221M016ST | 1.09 | 235 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 330 | SEK331M016ST | 0.72 | 285 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 470 | SEK471M016ST | 0.51 | 395 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 1000 | SEK102M016ST | 0.24 | 700 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 2200 | SEK222M016ST | 0.12 | 1150 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 3300 | SEK332M016ST | 0.09 | 1350 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 4700 | SEK472M016ST | 0.07 | 1560 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 6800 | SEK682M016ST | 0.06 | 1790 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 10000 | SEK103M016ST | 0.05 | 2884 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 25 Vdc (32 Volts Surge) | | | | | | | |
| 10 | SEK100M025ST | 21.23 | 50 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 22 | SEK220M025ST | 9.65 | 60 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 33 | SEK330M025ST | 6.43 | 75 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 47 | SEK470M025ST | 4.52 | 90 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 100 | SEK101M025ST | 2.12 | 145 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 220 | SEK221M025ST | 0.97 | 250 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 330 | SEK331M025ST | 0.64 | 355 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |

Type SEK 105 °C Radial Leaded Aluminum Electrolytic Capacitors

| Cap (μ F) | Catalog Part Number | Max ESR 120 Hz 25 °C (Ω) | Max Ripple 120 Hz 105 °C (mA) | Size in. (mm) | | | |
|--------------------------------|------------------------|--|--|-----------------|---------------|-------------------|------------------|
| | | | | Diameter (D) | Length (L) | Lead Space (S) | Lead Dia. (d) |
| 25 Vdc (32 Volts Surge) | | | | | | | |
| 470 | SEK471M025ST | 0.45 | 470 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 1000 | SEK102M025ST | 0.21 | 855 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 2200 | SEK222M025ST | 0.11 | 1230 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 3300 | SEK332M025ST | 0.08 | 1450 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 4700 | SEK472M025ST | 0.07 | 1690 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 6800 | SEK682M025ST | 0.05 | 2856 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 35 Vdc (44 Volts Surge) | | | | | | | |
| 22 | SEK220M035ST | 8.44 | 65 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 33 | SEK330M035ST | 5.63 | 85 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 47 | SEK470M035ST | 3.95 | 115 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 100 | SEK101M035ST | 1.86 | 190 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 220 | SEK221M035ST | 0.84 | 315 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 330 | SEK331M035ST | 0.56 | 440 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 470 | SEK471M035ST | 0.40 | 580 | .512 (13.0) | .787 (20.0) | .197 (5.0) | .0236 (0.6) |
| 1000 | SEK102M035ST | 0.19 | 995 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 2200 | SEK222M035ST | 0.10 | 1450 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 3300 | SEK332M035ST | 0.07 | 1660 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 4700 | SEK472M035ST | 0.06 | 2674 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 50 Vdc (63 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M050ST | 338.80 | 7.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 1.0 | SEK010M050ST | 159.24 | 12.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 2.2 | SEK2R2M050ST | 72.38 | 18.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 3.3 | SEK3R3M050ST | 48.25 | 25.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 4.7 | SEK4R7M050ST | 33.88 | 30.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 10 | SEK100M050ST | 15.92 | 50.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 22 | SEK220M050ST | 7.24 | 75.0 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 33 | SEK330M050ST | 4.83 | 105.0 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 47 | SEK470M050ST | 3.39 | 125.0 | .248 (6.3) | .453 (11.5) | .098 (2.5) | .0197 (0.5) |
| 100 | SEK101M050ST | 1.59 | 210.0 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 220 | SEK221M050ST | 0.72 | 400.0 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 330 | SEK331M050ST | 0.48 | 535.0 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 470 | SEK471M050ST | 0.34 | 730.0 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 1000 | SEK102M050ST | 0.16 | 1110.0 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 2200 | SEK222M050ST | 0.08 | 1530.0 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 3300 | SEK332M050ST | 0.47 | 2478.0 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 63 Vdc (79 Volts Surge) | | | | | | | |
| 4.7 | SEK4R7M063ST | 28.23 | 34 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 10 | SEK100M063ST | 13.27 | 55 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 22 | SEK220M063ST | 6.03 | 90 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 33 | SEK330M063ST | 4.02 | 110 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 47 | SEK470M063ST | 2.82 | 155 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 100 | SEK101M063ST | 1.33 | 260 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 220 | SEK221M063ST | 0.60 | 460 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 330 | SEK331M063ST | 0.40 | 650 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 470 | SEK471M063ST | 0.28 | 800 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 1000 | SEK102M063ST | 0.13 | 1200 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |

Type SEK 105 °C Radial Leaded Aluminum Electrolytic Capacitors

| Cap (μ F) | Catalog Part Number | Max ESR 120 Hz 25 °C (Ω) | Max Ripple 120 Hz 105 °C (mA) | Size in. (mm) | | | |
|----------------------------------|------------------------|--|--|-----------------|---------------|-------------------|------------------|
| | | | | Diameter (D) | Length (L) | Lead Space (S) | Lead Dia. (d) |
| 100 Vdc (125 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M100ST | 282.33 | 10 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 1.0 | SEK010M100ST | 132.70 | 15 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 2.2 | SEK2R2M100ST | 60.32 | 22 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 3.3 | SEK3R3M100ST | 40.21 | 29 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 4.7 | SEK4R7M100ST | 28.23 | 37 | .197 (5.0) | .433 (11.0) | .079 (2.0) | .0197 (0.5) |
| 10.0 | SEK100M100ST | 13.27 | 65 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 22.0 | SEK220M100ST | 6.03 | 115 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 33.0 | SEK330M100ST | 4.02 | 160 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 47.0 | SEK470M100ST | 2.82 | 210 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 100.0 | SEK101M100ST | 1.33 | 385 | .512 (13.0) | .787 (20.0) | .197 (5.0) | .0236 (0.6) |
| 220.0 | SEK221M100ST | 0.60 | 590 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 330.0 | SEK331M100ST | 0.40 | 720 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 470.0 | SEK471M100ST | 0.28 | 875 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 160 Vdc (200 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M160ST | 423.50 | 12 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 1.0 | SEK010M160ST | 199.04 | 17 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 2.2 | SEK2R2M160ST | 90.47 | 25 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 3.3 | SEK3R3M160ST | 60.32 | 36 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 4.7 | SEK4R7M160ST | 42.35 | 43 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 10 | SEK100M160ST | 19.90 | 70 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 22 | SEK220M160ST | 9.05 | 130 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M160ST | 6.03 | 180 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 47 | SEK470M160ST | 4.23 | 270 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 100 | SEK101M160ST | 1.99 | 330 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 220 | SEK221M160ST | 0.90 | 500 | .630 (16.0) | 1.42 (36.0) | .295 (7.5) | .0315 (0.8) |
| 330 | SEK331M160ST | 0.60 | 850 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 200 Vdc (250 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M200ST | 423.50 | 12 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 1.0 | SEK010M200ST | 199.04 | 17 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 2.2 | SEK2R2M200ST | 90.47 | 25 | .248 (6.3) | .453 (11.5) | .098 (2.5) | .0197 (0.5) |
| 3.3 | SEK3R3M200ST | 60.32 | 36 | .248 (6.3) | .453 (11.5) | .098 (2.5) | .0197 (0.5) |
| 4.7 | SEK4R7M200ST | 42.35 | 50 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 10 | SEK100M200ST | 19.90 | 80 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 22 | SEK220M200ST | 9.05 | 140 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M200ST | 6.03 | 190 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 47 | SEK470M200ST | 4.23 | 220 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 100 | SEK101M200ST | 1.99 | 335 | .630 (16.0) | .984 (25.0) | .295 (7.5) | .0315 (0.8) |
| 220 | SEK221M200ST | 0.90 | 515 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 250 Vdc (300 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M250ST | 423.50 | 12 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 1.0 | SEK010M250ST | 199.04 | 17 | .248 (6.3) | .433 (11.0) | .098 (2.5) | .0197 (0.5) |
| 2.2 | SEK2R2M250ST | 90.47 | 29 | .248 (6.3) | .453 (11.5) | .098 (2.5) | .0197 (0.5) |
| 3.3 | SEK3R3M250ST | 60.32 | 42 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 4.7 | SEK4R7M250ST | 42.35 | 50 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 10.0 | SEK100M250ST | 19.90 | 88 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |

Type SEK 105 °C Radial Leaded Aluminum Electrolytic Capacitors

| Cap (μ F) | Catalog Part Number | Max ESR 120 Hz 25 °C (Ω) | Max Ripple 120 Hz 105 °C (mA) | Size in. (mm) | | | |
|----------------------------------|------------------------|--|--|-----------------|---------------|-------------------|------------------|
| | | | | Diameter (D) | Length (L) | Lead Space (S) | Lead Dia. (d) |
| 250 Vdc (300 Volts Surge) | | | | | | | |
| 22 | SEK220M250ST | 9.05 | 155 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M250ST | 6.03 | 190 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 47 | SEK470M250ST | 4.23 | 230 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 100 | SEK101M250ST | 1.99 | 340 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 350 Vdc (400 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M350ST | 564.67 | 14 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 1.0 | SEK010M350ST | 265.39 | 20 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 2.2 | SEK2R2M350ST | 120.63 | 35 | .315 (8.0) | .453 (11.5) | .138 (3.5) | .0236 (0.6) |
| 3.3 | SEK3R3M350ST | 80.42 | 47 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 4.7 | SEK4R7M350ST | 56.47 | 55 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 10 | SEK100M350ST | 26.54 | 95 | .394 (10.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 22 | SEK220M350ST | 12.06 | 165 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M350ST | 8.04 | 195 | .512 (13.0) | .984 (25.0) | .197 (5.0) | .0236 (0.6) |
| 47 | SEK470M350ST | 5.65 | 240 | .630 (16.0) | 1.42 (36.0) | .295 (7.5) | .0315 (0.8) |
| 100 | SEK101M350ST | 2.65 | 360 | .709 (18.0) | 1.65 (42.0) | .295 (7.5) | .0315 (0.8) |
| 400 Vdc (450 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M400ST | 564.67 | 14 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 1.0 | SEK010M400ST | 265.39 | 20 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 2.2 | SEK2R2M400ST | 120.63 | 35 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 3.3 | SEK3R3M400ST | 80.42 | 50 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 4.7 | SEK4R7M400ST | 56.47 | 58 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 10 | SEK100M400ST | 26.54 | 100 | .512 (13.0) | .787 (20.0) | .197 (5.0) | .0236 (0.6) |
| 22 | SEK220M400ST | 12.06 | 170 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M400ST | 8.04 | 205 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 47 | SEK470M400ST | 5.65 | 255 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |
| 450 Vdc (500 Volts Surge) | | | | | | | |
| 0.47 | SEKR47M450ST | 564.67 | 14 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 1.0 | SEK010M450ST | 265.39 | 20 | .315 (8.0) | .433 (11.0) | .138 (3.5) | .0236 (0.6) |
| 2.2 | SEK2R2M450ST | 120.63 | 35 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 3.3 | SEK3R3M450ST | 80.42 | 50 | .394 (10.0) | .512 (13.0) | .197 (5.0) | .0236 (0.6) |
| 4.7 | SEK4R7M450ST | 56.47 | 58 | .394 (10.0) | .630 (16.0) | .197 (5.0) | .0236 (0.6) |
| 10 | SEK100M450ST | 26.54 | 100 | .512 (13.0) | .827 (21.0) | .197 (5.0) | .0236 (0.6) |
| 22 | SEK220M450ST | 12.06 | 170 | .512 (13.0) | .984 (26.0) | .197 (5.0) | .0236 (0.6) |
| 33 | SEK330M450ST | 8.04 | 205 | .630 (16.0) | 1.26 (32.0) | .295 (7.5) | .0315 (0.8) |
| 47 | SEK470M450ST | 5.65 | 255 | .709 (18.0) | 1.40 (36.0) | .295 (7.5) | .0315 (0.8) |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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