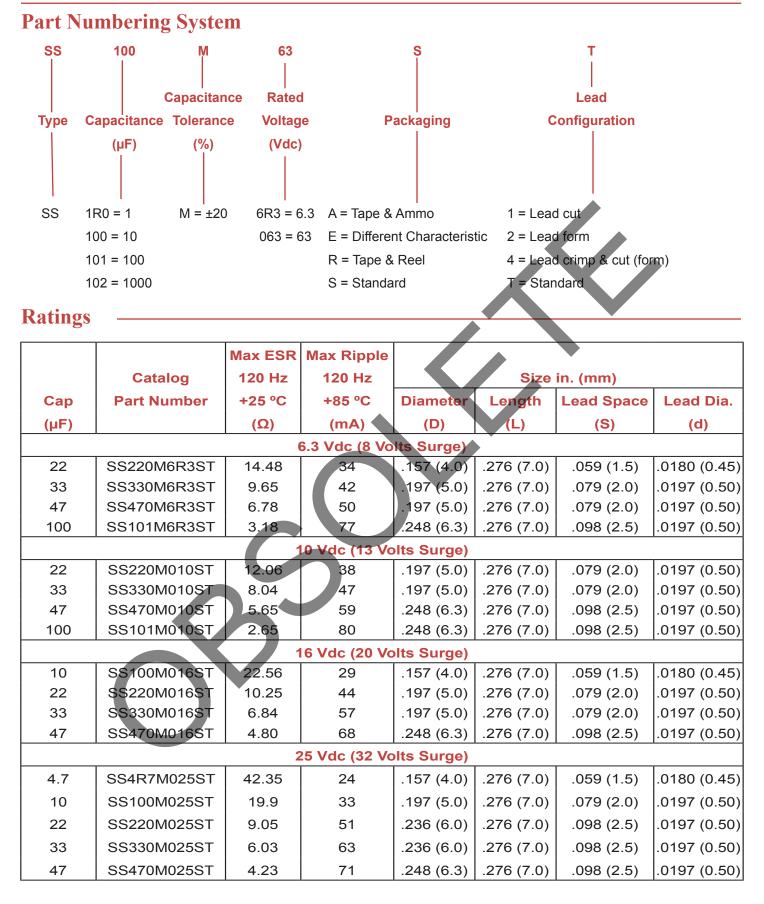
Type SS 85 °C Sub-Miniature Aluminum Electrolytic Capacitors

Radial Leaded, General Purpose Aluminum Electrolytic cc ;

| Raulai Leaucu, Oc | aler al 1 ul pose Alumi | | · | | | | | | | |
|---|--|--|---------------|------------|-----------------|------|----|--|--|--|
| 711D(M) 711D(M) 711U | density packaging appreations. | | | | | | | | | |
| RY MALLORY MAL. | | Highlights | | | | | | | | |
| | | Sub-miniature | | | | | | | | |
| | | • +85 °C | | | | | | | | |
| | | Great for high density packagingAvailable in T&R and ammo pack | | | | | | | | |
| Specifications — | | | | | | | | | | |
| • | Capacitance Range: 0.1 to 100 µF | | | | | | | | | |
| | Voltage Range: | | | | | | | | | |
| Onor | Capacitance Tolerance: ating Temperature Range: | | | | | | | | | |
| Орсі | DC Leakage Current: | | | | | | | | | |
| | | I = .01CV or 3 μ A Max, whichever is greater C = Capacitance in (μ F) V = Rated voltage I = Leakage current in μ A | | | | | | | | |
| Ripple Multipliers for | Voltage and Temperature: | Rated | Rip | ople Multi | oliers | | | | | |
| | | WVdc | 60 Hz | 120 Hz | 1 kHz | 2 | | | | |
| | | 6 to 25 35 to 63 | 0.85 0.80 | 1.0 1.0 | 1.10 | | | | | |
| | | | | | 1.15 | | | | | |
| | | Ambient Ripple Temperature Multiplier | | | | | | | | |
| | | +85 °C | 1.00 | | | | | | | |
| | | +75 °C +65 °C | 1.14 | | | | | | | |
| Discipation | Factor @ 120 Hz, +20 °C: | WVdc 6.3 | 10 | 16 25 | 35 | 50 | 63 | | | |
| Dissipation | Tractor (1, 120 Hz, +20 C. | DF (%) 24 | 20 | 16 14 | 12 | 10 | 10 | | | |
| For capacitors whose capacitance values exceed value of DF (%) is increased 2% for every addition | | | | | | | | | | |
| | Load Life Test: | Capacitance change within 20% of initial limit DC leakage current meets initial limits | | | | | | | | |
| | Shelf Life: | ESR ≤ 200% of initial value If Life: 1000 hrs with no voltage applied Cap change within 20% of initial values | | | | | | | | |
| | | DC leakag | - | | | | | | | |
| | | DF 200%, | | | | | | | | |
| Outline Drawing | | | | | | | | | | |
| $ \begin{array}{c} & & \\ & & $ | | | | | | | | | | |
| | Case vented on Vi | nyl sleeve adds .5 Max nd 2.0 Max. to length. | . to diameter | | in (million-t | | | | | |
| | diameters 0.0 and greater. al | | | Dimensions | s in (millimete | ers) | | | | |

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Ratings

| | | Max ESR | Max Ripple | | | | | | | | | |
|-------------------------|-------------|---------|------------|---------------|------------|------------|--------------|--|--|--|--|--|
| | Catalog | 120 Hz | 120 Hz | Size in. (mm) | | | | | | | | |
| Сар | Part Number | +25 °C | +85 °C | Diameter | Length | | | | | | | |
| (μF) | | (Ω) | (mA) | (D) | (L) | (S) (d) | | | | | | |
| 35 Vdc (44 Volts Surge) | | | | | | | | | | | | |
| 4.7 | SS4R7M035ST | 33.88 | 24 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 10 | SS100M035ST | 15.92 | 36 | .197 (5.0) | .276 (7.0) | .079 (2.0) | .0197 (0.50) | | | | | |
| 22 | SS220M035ST | 7.24 | 57 | .248 (6.3) | .276 (7.0) | .098 (2.5) | .0197 (0.50) | | | | | |
| 50 Vdc (63 Volts Surge) | | | | | | | | | | | | |
| 0.10 | SSR10M050ST | 1326.96 | 1 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.22 | SSR22M050ST | 603.17 | 2 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.33 | SSR33M050ST | 402.11 | 3 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.47 | SSR47M050ST | 282.33 | 5 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 1.0 | SS010M050ST | 132.70 | 10 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 2.2 | SS2R2M050ST | 60.32 | 19 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 3.3 | SS3R3M050ST | 40.21 | 24 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 4.7 | SS4R7M050ST | 28.23 | 29 | .157 (4.0) | .276 (7.0) | .079 (2.0) | .0180 (0.45) | | | | | |
| 10.0 | SS100M050ST | 13.27 | 44 | .197 (5.0) | .276 (7.0) | .079 (2.0) | .0197 (0.50) | | | | | |
| 63 Vdc (79 Volts Surge) | | | | | | | | | | | | |
| 0.10 | SSR10M063ST | 1061.57 | 1 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.22 | SSR22M063ST | 482.53 | 2 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.33 | SSR33M063ST | 321.69 | 4 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 0.47 | SSR47M063ST | 225.87 | 6 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 1.0 | SS010M063ST | 106.16 | 13 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 2.2 | SS2R2M063ST | 48.25 | 21 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 3.3 | SS3R3M063ST | 32.17 | 26 | .157 (4.0) | .276 (7.0) | .059 (1.5) | .0180 (0.45) | | | | | |
| 4.7 | SS4R7M063ST | 22.59 | 33 | .248 (6.3) | .276 (7.0) | .098 (2.5) | .0197 (0.50) | | | | | |

Parts highlighted in yellow are obsolete



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