

**SXB SXE** SERIES

**SLE SZE** SERIES

◆ **FEATURES**

SXB:Standard

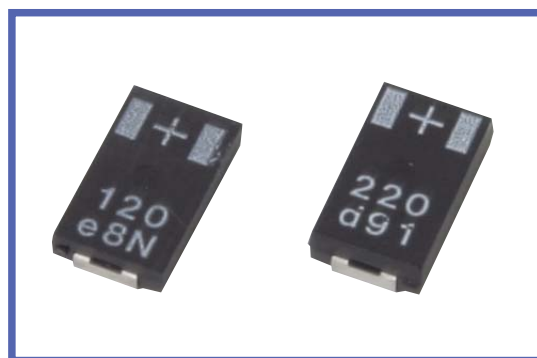
SXE:Low ESR

SLE:Low Profile,Low ESR

SZE:Low Profile,Ultra Low ESR

•RoHS Compliance

•Lead free reflow soldering is available(260°C,10sec):(Available for MSL3)



◆ **SPECIFICATIONS**

| Series                                                               |      | SXB                                  | SXE    | SZE           | SLE                                  |
|----------------------------------------------------------------------|------|--------------------------------------|--------|---------------|--------------------------------------|
|                                                                      |      | 1.9mm                                |        | 1.4mm         |                                      |
| Temperature Range(°C)                                                |      | -55~+105°C                           |        |               |                                      |
| Rated Voltage Range(V.DC)                                            |      | 2~8                                  | 2~6.3  | 2,2.5         | 2~8                                  |
| Rated Cap Range(μF)                                                  |      | 15~220                               | 33~220 | 100~150       | 15~100                               |
| Capacitance Tolerance(20°C/120Hz)                                    |      | ± 20%                                |        |               |                                      |
| Leakage Current(after 5 minutes)(μA)                                 |      | ≤ 0.04CV                             |        |               |                                      |
| (Tanδ)<br>Dissipation Factor(20°C/120Hz)                             |      | ≤ 0.05                               |        |               |                                      |
| Equivalent Series Resistance(ESR)<br>(mΩ)(20°C/100kHz)               |      | ≤13<br>≤18(8V)                       | ≤ 9    | ≤ 5           | ≤ 9<br>13(8V)                        |
| Maximum Permissible Ripple Current(mA r.m.s)(100kHz)                 |      | 3,000<br>2,500(8V)                   | 3,000  | 3,000         | 3,000<br>2,700(8V)                   |
| Surge Voltage                                                        |      | Rated voltage X1.25                  |        |               |                                      |
| Endurance<br>(105°C, 2000hrs, Rated Voltage applied)                 | ΔC   | Within ± 20% of the initial value    |        |               |                                      |
|                                                                      | Tanδ | ≤ 200% of initial specified value    |        |               |                                      |
|                                                                      | LC   | ≤ initial specified value            |        |               |                                      |
| Damp heat(Steady state)<br>(60°C, 90%RH, 500hrs, No-applied voltage) | ΔC   | Within -20~+40% of the initial value |        | -20%~<br>+60% | Within -20~+40% of the initial value |
|                                                                      | Tanδ | ≤ 200% of initial specified value    |        |               |                                      |
|                                                                      | LC   | ≤ 300% of initial specified value    |        |               |                                      |



# CONDUCTIVE POLYMER ALUMINUM SOLID ELECTROLYTIC CAPACITORS

[查询"2.5SXB100M"供应商](#)

## ◆ STANDARD SIZE

| Series | WV(V.DC) | Cap(μF) | Size(mm) |     |     | ESR<br>(mΩ) | (mAr.m.s) | Part No.     |
|--------|----------|---------|----------|-----|-----|-------------|-----------|--------------|
|        |          |         | L        | W   | H   |             |           |              |
| SXB    | 2        | 100     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2SXB100M     |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2SXB150M     |
|        |          | 220     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2SXB220M     |
|        | 2.5      | 82      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2.5SXB82M    |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2.5SXB100M   |
|        |          | 120     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2.5SXB120M   |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2.5SXB150M   |
|        |          | 180     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 2.5SXB180M   |
|        | 4        | 33      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 4SXB33M      |
|        |          | 68      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 4SXB68M      |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 4SXB100M     |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 4SXB150M     |
|        | 6.3      | 22      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 6SXB22M      |
|        |          | 33      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 6SXB33M      |
|        |          | 47      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 6SXB47M      |
|        |          | 68      | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 6SXB68M      |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 13          | 3,000     | 6SXB100M     |
|        | 8        | 15      | 7.3      | 4.3 | 1.9 | 18          | 2,500     | 8SXB15M      |
|        |          | 33      | 7.3      | 4.3 | 1.9 | 18          | 2,500     | 8SXB33M      |
|        |          | 47      | 7.3      | 4.3 | 1.9 | 18          | 2,500     | 8SXB47M      |
| SXE    | 2        | 100     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2SXE100M     |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2SXE150M     |
|        |          | 180     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2SXE180M     |
|        |          | 220     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2SXE220M     |
|        |          | 220     | 7.3      | 4.3 | 1.9 | 7           | 3,000     | 2SXE220M R07 |
|        | 2.5      | 82      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE82M    |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE100M   |
|        |          | 120     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE120M   |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE150M   |
|        |          | 180     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE180M   |
|        |          | 180     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 2.5SXE180M   |
|        | 4        | 68      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE68M      |
|        |          | 82      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE82M      |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE100M     |
|        |          | 120     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE120M     |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE150M     |
|        |          | 150     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 4SXE150M     |
|        | 6.3      | 33      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE33M      |
|        |          | 47      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE47M      |
|        |          | 68      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE68M      |
|        |          | 82      | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE82M      |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE100M     |
|        |          | 100     | 7.3      | 4.3 | 1.9 | 9           | 3,000     | 6SXE100M     |
| SZE    | 2        | 100     | 7.3      | 4.3 | 1.4 | 5           | 3,000     | 2SZE100M     |
|        |          | 150     | 7.3      | 4.3 | 1.4 | 5           | 3,000     | 2SZE150M     |
|        | 2.5      | 100     | 7.3      | 4.3 | 1.4 | 5           | 3,000     | 2.5SZE100M   |
|        |          | 120     | 7.3      | 4.3 | 1.4 | 5           | 3,000     | 2.5SZE120M   |
| SLE    | 2        | 100     | 7.3      | 4.3 | 1.4 | 9           | 3,000     | 2SLE100M     |
|        | 2.5      | 82      | 7.3      | 4.3 | 1.4 | 9           | 3,000     | 2.5SLE82M    |
|        | 4        | 68      | 7.3      | 4.3 | 1.4 | 9           | 3,000     | 4SLE68M      |
|        | 6.3      | 47      | 7.3      | 4.3 | 1.4 | 9           | 3,000     | 6SLE47M      |
|        | 8        | 15      | 7.3      | 4.3 | 1.4 | 13          | 2,700     | 8SLE15M      |