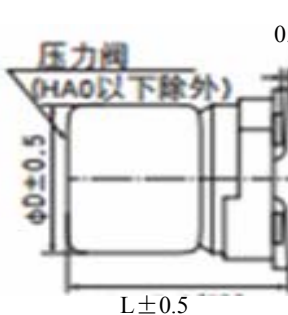
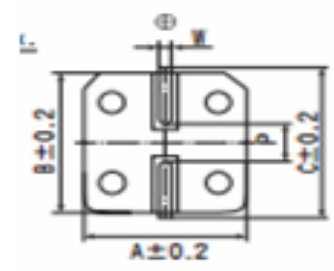


| Surface Mount Aluminum Electrolytic Capacitor Specification |   |                          |   |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|---|---|--------------------------|---|--------------------------|---------|-------------|----------|---|---|---|---|---|-------------|---|-----|-----|-----|-----|---------|
| Series  | MRW   | 16 V 22 $\mu$ F          | Part No.  | MRW-016V220MC054-T/R     |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
| Customer No.  | /   |                          | Case size   | $\Phi$ D5 X L5.4         |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
| Specification   | Items   |                          | Standard  |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Operating temperature range   |                          | - 40 ~ + 105 $^{\circ}$ C                                 |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Capacitance tolerance   |                          | $\pm$ 20% ( 20 $^{\circ}$ C , 120Hz )                     |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Dissipation factor (MAX)  |                          | ( Less than ) 0.26 ( 20 $^{\circ}$ C , 120Hz )            |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Leakage current (MAX)   |                          | ( Less than ) 3.52 $\mu$ A ( 20 $^{\circ}$ C 16 V 2 min ) |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Impedance (MAX)   |                          | /   |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Ripple current (MAX)  |                          | 30 mArms ( 120Hz , 105 $^{\circ}$ C )                     |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | Load life   |                          | 2000 hrs  |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
| Outline   | Marking color   |                          | Blue  |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | ( Dimensions )  |                          |   |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
|   | <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;">  <p><math>\Phi</math>D<math>\pm</math>0.5</p> <p>L<math>\pm</math>0.5</p> </div> <div style="text-align: center;">  <p>A<math>\pm</math>0.2</p> <p>B<math>\pm</math>0.2</p> <p>C<math>\pm</math>0.2</p> </div> </div> <p style="text-align: right;">(unit):mm</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th><math>\Phi</math>D</th> <th>L</th> <th>A</th> <th>B</th> <th>C</th> <th>W</th> <th>P<math>\pm</math>0.2</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>5.4</td> <td>5.3</td> <td>5.3</td> <td>5.9</td> <td>0.5~0.8</td> <td>1.4</td> </tr> </tbody> </table> |                          |   |                          |         |             | $\Phi$ D | L | A | B | C | W | P $\pm$ 0.2 | 5 | 5.4 | 5.3 | 5.3 | 5.9 | 0.5~0.8 |
| $\Phi$ D  | L   | A                        | B   | C                        | W       | P $\pm$ 0.2 |          |   |   |   |   |   |             |   |     |     |     |     |         |
| 5   | 5.4   | 5.3                      | 5.3   | 5.9                      | 0.5~0.8 | 1.4         |          |   |   |   |   |   |             |   |     |     |     |     |         |
| Recorder  | (The first edition) :2017-12-4  |                          |   |                          |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |
| Wrote by: Luoli   |   | Checked by: Dingchanghua |   | Approved by: Shenzhihong |         |             |          |   |   |   |   |   |             |   |     |     |     |     |         |