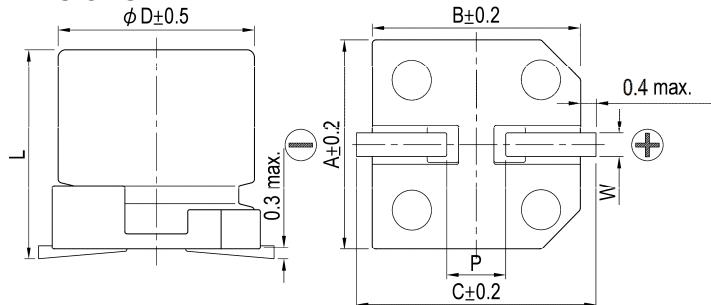


CUSTOMER :

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## PRODUCT DIMENSIONS



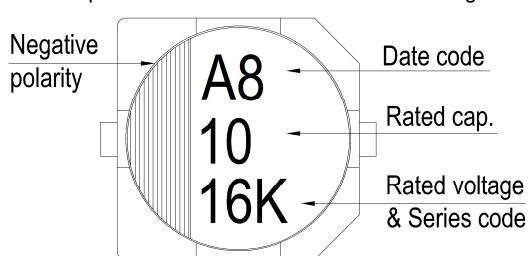
| Unit: mm |              |
|----------|--------------|
| $\phi D$ | 6.3          |
| L        | 5.9+0.1/-0.3 |
| A        | 6.6          |
| B        | 6.6          |
| C        | 7.2          |
| W        | 0.5~0.8      |
| P        | 2.0 ± 0.2    |

| Items                                         | Performance                               |                                   |                   |                     |                                   |  |  |  |
|-----------------------------------------------|-------------------------------------------|-----------------------------------|-------------------|---------------------|-----------------------------------|--|--|--|
| Rated Voltage $V_R$                           | 25 V                                      |                                   |                   |                     |                                   |  |  |  |
| Capacitance $C_R$                             | 56 $\mu$ F (120 Hz, 20°C)                 |                                   |                   |                     |                                   |  |  |  |
| Category Temperature Range                    | -55°C ~ +105°C                            |                                   |                   |                     |                                   |  |  |  |
| Capacitance Tolerance                         | -20 % ~ +20 % (120 Hz, 20°C)              |                                   |                   |                     |                                   |  |  |  |
| Surge Voltage $V_S$                           | 29.0 V <sub>DC</sub>                      |                                   |                   |                     |                                   |  |  |  |
| Leakage Current (20°C)                        | $I_{LEAK} \leq 280 \mu$ A After 2 minutes |                                   |                   |                     |                                   |  |  |  |
| Tan δ                                         | $\leq 0.12$ (120 Hz, 20°C)                |                                   |                   |                     |                                   |  |  |  |
| ESR <sub>max.</sub>                           | < 49 mΩ (100k ~300k Hz, 20°C)             |                                   |                   |                     |                                   |  |  |  |
| Ripple Current ( $I_{AC, R}$ / rms )          | 1300 mA (100k Hz, 105°C)                  |                                   |                   |                     |                                   |  |  |  |
| Ripple Current (mA) and Frequency Multipliers | Frequency (Hz)                            | 120 $\leq f < 1k$                 | 1k $\leq f < 10k$ | 10k $\leq f < 100k$ | 100k $\leq f < 500k$              |  |  |  |
|                                               | Multiplier                                | 0.05                              | 0.3               | 0.7                 | 1.0                               |  |  |  |
| Endurance and Moisture Resistance             | Items                                     | Endurance                         |                   |                     | Moisture Resistance               |  |  |  |
|                                               | Test Time                                 | 5,000 Hrs at 105°C; $V_R$         |                   |                     | 1,000 Hrs at 60°C; 90 ~ 95% R. H. |  |  |  |
|                                               | Cap. Change                               | Within ±20 % of initial value     |                   |                     | Within ±20 % of initial value     |  |  |  |
|                                               | Tan δ                                     | Less than 150% of specified value |                   |                     | Less than 150% of specified value |  |  |  |
|                                               | ESR                                       | Less than 150% of specified value |                   |                     | Less than 150% of specified value |  |  |  |
|                                               | Leakage Current*                          | Within specified value            |                   |                     | Within specified value            |  |  |  |
| Standards                                     | JIS C 5101-25, IEC 60384-4                |                                   |                   |                     |                                   |  |  |  |
| Remarks                                       | RoHS Compliance, Halogen-free             |                                   |                   |                     |                                   |  |  |  |

\* For any doubt about measured values, measure the leakage current again after the following voltage treatment.

Voltage treatment: Applying DC rated voltage to the capacitors for 2 hours at 105°C.

Marking: Each capacitor shall be marked with the following information.



|       |     |                                                 |
|-------|-----|-------------------------------------------------|
| A     | 8 → | January, 2018                                   |
|       |     | → The suffix of A. D.<br>→ Month of manufacture |
| Month | 1   | 2                                               |
| Code  | A   | B                                               |
| Month | 3   | C                                               |
| Code  | D   | E                                               |
| Month | 4   | F                                               |
| Code  | G   | H                                               |
| Month | 5   | I                                               |
| Code  | J   | K                                               |
| Month | 6   | L                                               |

Marking color: Blue

\* Please refer to "Precautions and Guidelines for Aluminum Electrolytic Capacitors" section in Lelon's catalog for further details.

| Publication Date | May 21, 2018 | Approval Signatures: | Approved                                  | Checked                             | Designed                          |
|------------------|--------------|----------------------|-------------------------------------------|-------------------------------------|-----------------------------------|
| Revision Date    |              |                      | R & D<br>MAY. 21. 2018<br>Jack Huang      | R & D<br>MAY. 21. 2018<br>H.Y.Huang | R & D<br>MAY. 21. 2018<br>Z.X.Sun |
| Version No.      | 1            |                      | Please return one copy with your approval |                                     |                                   |