

## PRECAUTIONS IN USING ALUMINUM ELECTROLYTIC CAPACITORS

1. If circuit polarity is unclear or uncertain, then Non-polars are recommended.
2. Non-polar capacitors can be used for both AC or DC circuits.
3. DC Electrolytic Capacitors are used for DC applications only, Polarities are marked with " - " on the proper side of wire/terminal.
4. Capacitors should be stored in cool and dry locations.
5. Capacitors shouldn't be applied at the environment temperature that exceed the specified operating temperature.
6. Capacitors are designed to operate within permissible ripple current indicated in the Catalog. Higher range ripple current required, please contact us for details.
7. Must ageing again before using capacitor when the capacitors have been stored for over 6 months.
8. Capacitors are not suitable for sudden charge and discharge conditions.
9. Applied working voltage to capacitors should not exceed the rated working voltage of capacitor.
10. Excessive force to lead wire / terminal is not allowed. (Ref. (JIS-C-5102))
11. Soldering irons should be kept away from the Vinyl sleeve of capacitor to avoid causing the sleeve welding.
12. For soldering process, the solder temperature shouldn't over 260°C for 10 seconds to the capacitors.
13. To protect the sleeve not to be corroded or damaged from cleaning process, please avoid using the Chemical Liquid such as Trichloroethene, xylene or acetone etc.
14. Su'scon products meet or exceed quality standards specified by JIS-C-5141W.
15. Su'scon capacitors comply with the reliability requirements set forth by JIS-C-5102.

## AUTOMATIC PRODUCTION FLOW CHART

