

When you use aluminum capacitors remember the following:

⊙ **Polarity**

Aluminum Electrolytic Capacitors are polarity, do not apply reverse voltage or AC voltage. Please use non-polarized capacitors for a circuit that can possibly see reversed polarity.

⊙ **Ripple current**

Do not apply a ripple current exceeding the rated maximum ripple current. The capacitor should be applied within specified allowable ripple current value in table if the capacitor needs high ripple current exceed specified value please consult us for your high ripple purpose.

⊙ **Operating voltage**

Do not apply excess voltage continuously when over voltage is applied to the capacitor Leakage current increase drastically. Applied working voltage to capacitors should not exceed the rated working voltage of capacitor.

⊙ **Operating stored and temperature**

The capacitor should not be used at any temperature exceeding the range of specified in each product. When the capacitors are stored for a long time, it must not be left under high temperature and high humidity. Place to avoid its deteriorations of electrical characteristics and solderability of lead wire.

⊙ **Soldering**

Soldering irons should be kept away from the vinyl insulated sleeves of capacitors. When the capacitor is dipped in solder bath, recommended within 260°C and 10 seconds to avoid damage of capacitor.

⊙ **Terminal and leading wire**

Do not apply excessive force to capacitor leads and terminals. The excessive force may damage to leads and terminals of capacitor units.

⊙ **Sleeve material**

The standard sleeve material is polyvinyl-chloride if exposed to xylene, toluene, etc, and then subjected to high heat, the sleeve may crack. This sleeve is not insulating material.

⊙ **Vent**

It is recommended at least 3mm of space around the vent. If such space is not provided, the vent will not operate completely.