

# 鋁質電解電容器使用須知

## Application



- DC. Electrolytic capacitors can be used on DC circuit only. The polarities to be marked with “+” and “-” or “-” only. it is indicated on proper position or aside of lead wire/terminal.  
直流電解電容器只能使用在直流電路上，其極性必須標明在適當之位置或在導針 / 端子之旁邊。
- Non-polarized capacitors can be used on both AC and DC circuits  
無極性 (或二極性) 電解電容器可使用在交流或直流電路上。
- If unclear or unknown of polarity of circuit indication. Non-polarized capacitor was recommended to be used.  
在電氣回路上如不清楚或不明確線路之極性時，則建議使用無極性電解電容器。
- Capacitors should not be used at environmental temperature which exceeds the range of specified operating temperature.  
電解電容器不可使用在周圍溫度超過所標示之使用溫度範圍。
- Capacitors should be stored in cold and dry place.  
電解電容器應儲存於低溫及乾燥之處所。
- Re-aging process with rated voltage must be taken prior to using ,if it has been long time stored.  
電解電容器如經長期儲存，使用前應以額定電壓重新再益壽 (再化成)。
- Capacitors are not suitable for operating with sudden charge and discharge which are frequently repeated.  
電解電容器不適用於驟然間之充放電。
- Capacitors are not suitable for operating at the current value which over the allowable ripple range. If high ripple is required, please contact us with details.  
電解電容器不適用於超過可容許紋波電流範圍之回路上，假如須要高紋波電流之電解電容器請與我們洽商詳情。
- Applied working voltage to capacitor which does not exceed the rated working voltage of capacitor.  
使用電解電容器之工作電壓，不超過其額定電壓。
- To protect inside construction of capacitor, over pull or excessive force to lead wire/terminal wave is not permitted.  
為了保護電解電容器之內部結構，其導針或端子不容許承受過份之拉力。
- Soldering irons should be kept away from the vinyl insulation sleeve of capacitor, to avoid the cause made over heat or break down to sleeve.  
電烙鐵應與電解電容器塑膠外殼保持適當之距離，以防止過熱造成塑膠套管破裂。
- Capacitor in dip soldering process, the soldering temperature should never over 260C for to second of soldering time.  
電解電容器經焊錫之程序，其焊錫槽之溫度絕對不容許超過 260°C，時間 10 秒鐘。
- Protection for sleeve, marking and sealing material on capacitor body not to be damaged, capacitor body not to be damaged, capacitors should never be washed or cleaned by halogenous agents or solvents such as trichloroethene, Xylene or acetone etc.  
為了保護塑膠套管印刷標示以及封口材料不被破壞，電解電容器不得以鹵化化學藥品或類似溶粉作為電解電容器洗濯之用，如三氯乙烷。
- Designed capacitors quality meets JIS C-5141W .  
本公司一般規格之電解電容器其品質依照 JIS C-5141W 標準。
- Preparation or after treatment testing for reliability in according with JIS C-5102 .  
可靠性試驗前後之處理依據 JIS C-5102

安全	非安全	Safe	Unsafe
二甲苯 乙醇 丁醇 甲醇 丙醇 去垢劑	1.1.2. 一三氯一 1.2.2. 一三氯乙烷 四氯化碳 哥羅仿 (無色發性液體) 三氯乙烷 三氯乙烯 三氯甲烷	Xylene Ethyl alcohol Butyl alcohol Methyl alcohol Proyl alcohol Calgonito (detergent)	1,1,2,-Trichloro- 1,1,2-trifluoroentane Carbon tetrachloride chloroform Trichloroethane  Methylene chloride
同時注意，組立時用於封口橡皮表面之黏性作用物		Also please pay attention for adhesive agent which used at sealing rubber surface for mounting.	