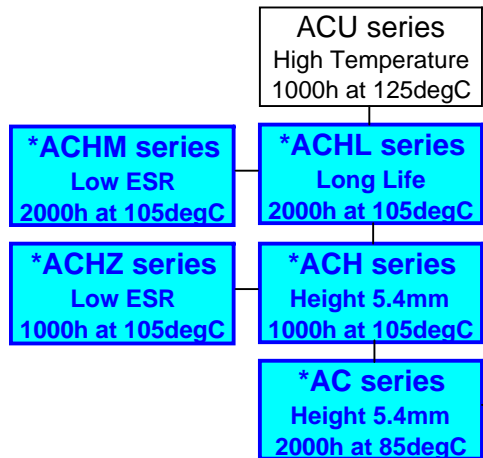


Lead-Free Surface Mountable Type Aluminum Electrolytic Capacitors

*Group of products for lead free soldering

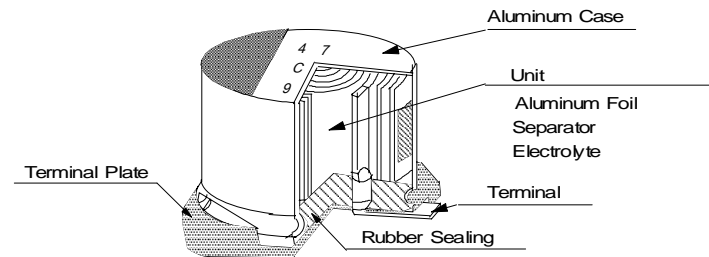
Dimension range: Dia.4 to Dia.10



*: Products for lead free soldering

Please inform us for technical consultation for other products.

*Constructions



*Comparison with the current products

Item		Lead free type	Current type
Parts	Rubber Sealing	Synthetic rubber Having high modulus of elasticity	Synthetic rubber
	Aluminum Case	Aluminum Having high modulus of elasticity	Aluminum
	Terminal	Tinned Copper-Clad Steel wire	Tinned Copper-Clad Steel wire
	Terminal finish	Tin and Bismuth Sn + Sn/3Bi	Tin and Lead Sn + Sn/5Pb
	Separator	Manila hemp	Manila hemp
	Anode Foil	High Purity Aluminum Foil	High Purity Aluminum Foil
	Cathode Foil	Aluminum Foil	Aluminum Foil
	Electrolyte	Organic Solvent	Organic Solvent
	Terminal Plate	Thermo-plastic Resin	Thermo-plastic Resin
Initial characteristic		Same as the current products	
Life characteristic		Same as the current products	

*Features

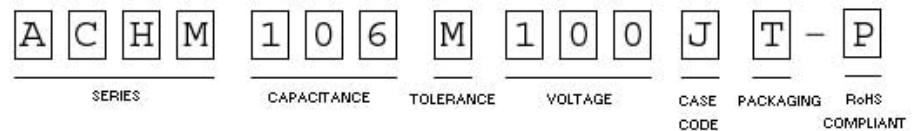
1) Having the higher heat resistance than current products

(Peak temperature) ≤ 5sec. at 250degC (Dia.4 to 6.3)
≤ 5sec. at 235degC (Dia.8 to 10)

(Reflow temperature) ≤ 60sec. at 200degC (Dia.4 to 10)

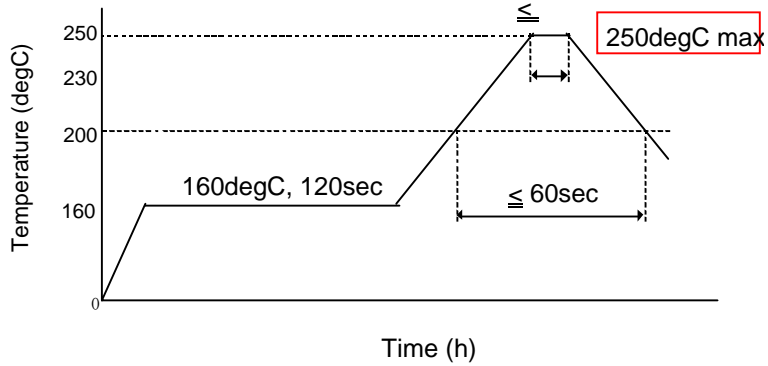
2) Lead is completely excluded

*Explanation of part numbers

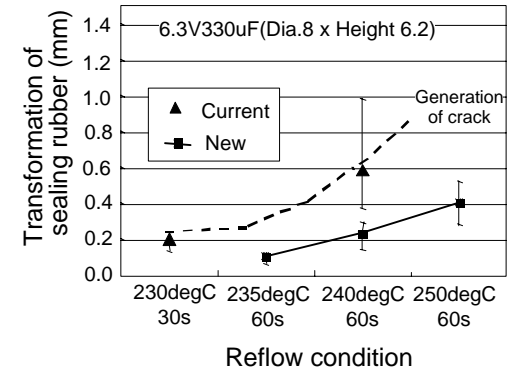
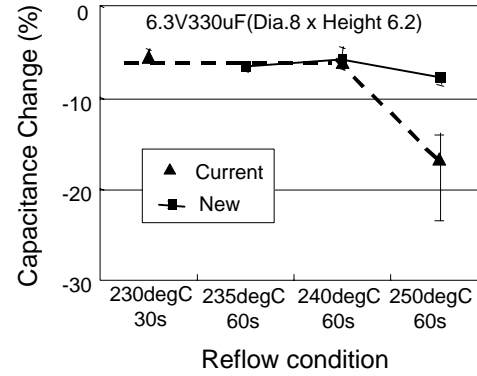


***Recommended reflow condition**

(Dia.4 to 6.3 products: AC, ACH, ACHL, ACHM, ACHZ series)



***Comparison of heat resistance**



***Comparison of solder solvency**

(Dia.8 to 10 products: AC, ACH, ACHL, ACHM, ACHZ series)

