

This product is completed the lead-free and RoHS.



# DATA SHEET

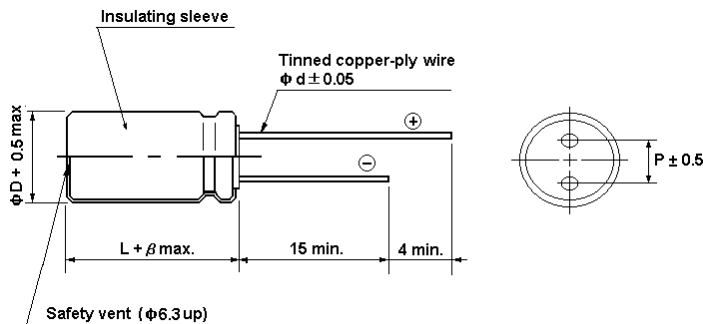


**SAMWHA ELECTRIC CO., LTD.**

## Aluminum Electrolytic Capacitors

Date : 2021. 08. 10.  
 Ident-No : SC-ARJ1992  
 Part No : RD 2A 106 M 6L011 PA

### Dimensions



ΦD	6.3
L	11
P	2.5
Φd	0.5
β	1.5

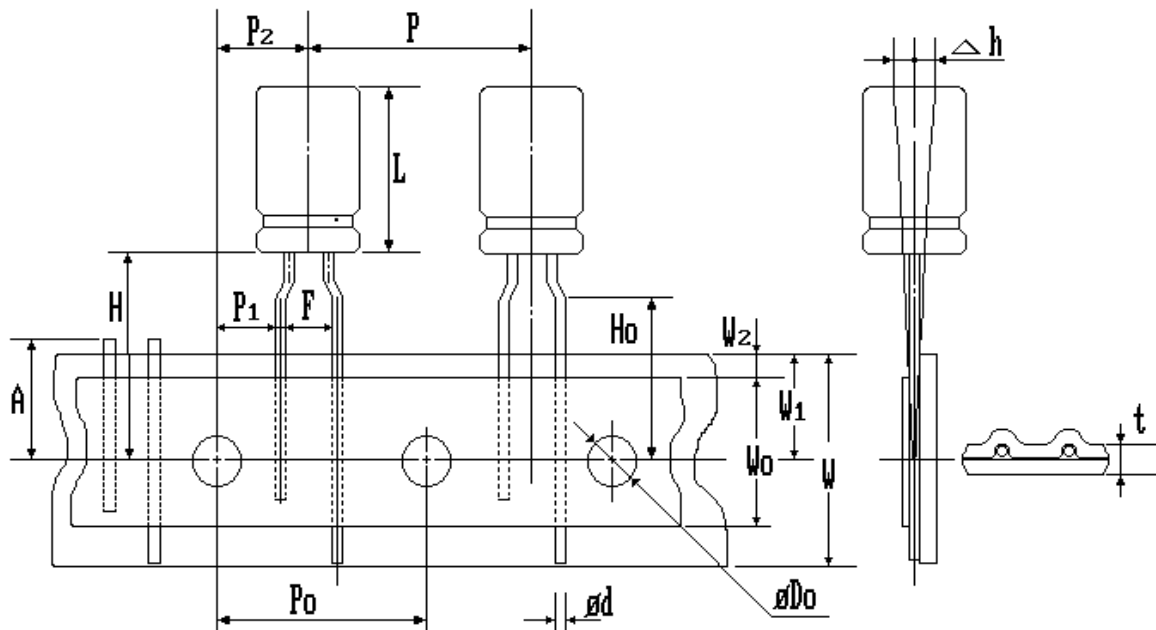
*Dimensions of ΦD & L*

Capacitance at 120Hz, 20 °C	10 μF
Tolerance at 120Hz, 20 °C	±20 %
Rated Voltage	100 V
Surge Voltage	125 V
Ripple current at 120Hz, 105 °C	64 mA rms
Leakage current after 2 minute	10.0 μA
Dissipation factor (tanδ) at 120Hz, 20 °C	0.08
Equivalent series resistance(E.S.R) at 120Hz, 20 °C	10.61 Ω
Temperature range	-55 ~ +105 °C
Load life at 105 °C	1000 hours
Shelf life at 105 °C	1000 hours

Approved

*E. K. Joo e.k.joo*

Technical team manager



Unit : mm

Description		Symbol	Tolerance	Φ4	Φ5		Φ6.3	
Body height		L	<b>*Note</b>	5, 7	5	7, 11	5	7, 11
Lead dia.		Φd	±0.05	0.45	0.45	0.5	0.45	0.5
Body pitch		P	±1.0	12.7				
Feeding hole pitch		Po	±0.2	12.7				
Feeding hole alignment		P1	±0.7	3.85				
Feeding hole alignment		P2	±1.0	6.35				
Lead center spacing		F	+0.6 / -0.2	5.0				
Body inclination		ΔH	±2.0	0				
Tape width		W	±0.5	18.0				
Adhesive tape width		W0	min.	9.5				
Feeding hole alignment		W1	±0.5	9.0				
Adhesive tape margin		W2	max.	2.0				
Length from seating plane		H	±0.5	18.5 (5, 7L=17.5)				
Lead clinch height		Ho	±0.5	16.5				
Feeding hole dia.		ΦDo	±0.2	4.0				
Total tape thickness		t	±0.2	0.6				
Cut lead height		A	max.	11.0				
Taping Code	Ammo	⊕ leader		PA				

**\*Note** : Refer to the drawing of each series for tolerance.

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**Taping dimension**