

This product is completed the lead-free and RoHS.



DATA SHEET

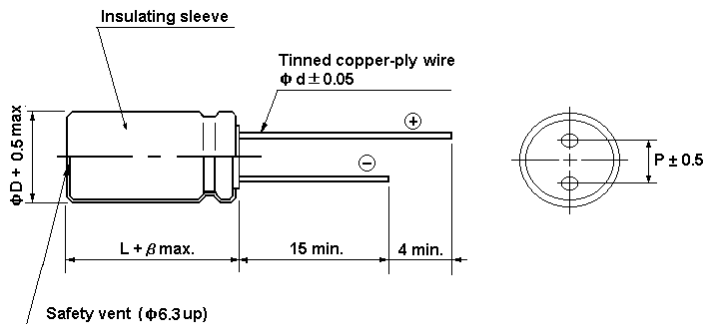


SAMWHA ELECTRIC CO., LTD.

Aluminum Electrolytic Capacitors

Date : 2021. 07. 27.
 Ident-No : SC-ARJ2831
 Part No : SD 0J 107 M 05011 PA

Dimensions



ΦD	5
L	11
P	2.0
Φd	0.5
β	1.5

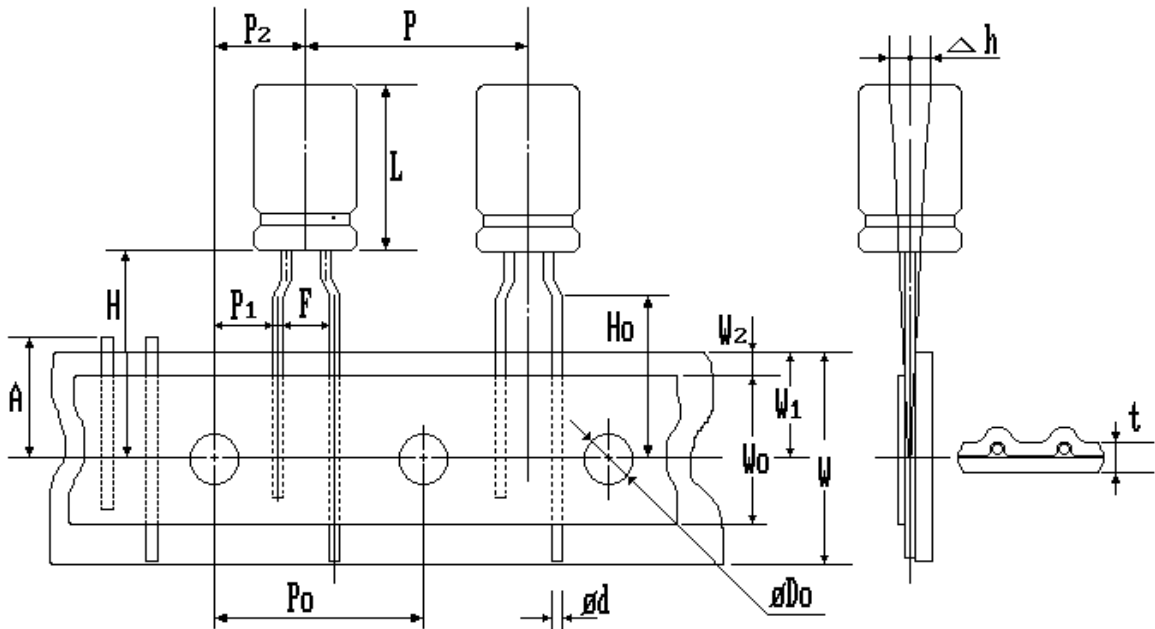
Dimensions of ΦD & L

Capacitance at 120Hz, 20 °C	100 μF
Tolerance at 120Hz, 20 °C	± 20 %
Rated Voltage	6.3 V
Surge Voltage	8 V
Ripple current at 120Hz, 85 °C	136 mA rms
Leakage current after 2 minute	6.3 μA
Dissipation factor (tan δ) at 120Hz , 20 °C	0.28
Equivalent series resistance(E.S.R) at 120Hz , 20 °C	3.71 Ω
Temperature range	-40 ~ +85 °C
Load life at 85 °C	2000 hours
Shelf life at 85 °C	1000 hours

Approved

E. K. Joo e.k.joo

Technical team manager



Unit : mm

Description		Symbol	Tolerance	Φ4		Φ5		Φ6.3		Φ8	
Body height		L	*Note	5, 7	5	7, 11	5	7, 11	5	11.5, 15, 20	
Lead dia.		Φd	±0.05	0.45	0.45	0.5	0.45	0.5	0.45	0.6	
Body pitch		P	±1.0	12.7				12.7	12.7	12.7	
Feeding hole pitch		Po	±0.2	12.7				12.7	12.7	12.7	
Feeding hole alignment		P1	±0.7	3.85				3.85	3.85	3.85	
Feeding hole alignment		P2	±1.0	6.35				6.35	6.35	6.35	
Lead center spacing		F	+0.6 / -0.2	5.0				5.0	5.0	5.0	
Body inclination		ΔH	±2.0	0				0	0	0	
Tape width		W	±0.5	18.0				18.0	18.0	18.0	
Adhesive tape width		W0	min.	9.5				9.5	12.5	12.5	
Feeding hole alignment		W1	±0.5	9.0				9.0	9.0	9.0	
Adhesive tape margin		W2	max.	2.0				2.0	2.0	2.0	
Length from seating plane		H	±0.5	18.5 (5, 7L=17.5)				17.5	20.0	20.0	
Lead clinch height		Ho	±0.5	16.5				16.5	16.5	16.5	
Feeding hole dia.		ΦDo	±0.2	4.0				4.0	4.0	4.0	
Total tape thickness		t	±0.2	0.6				0.6	0.6	0.6	
Cut lead height		A	max.	11.0				11.0	11.0	11.0	
Taping Code	Ammo	⊕ leader		PA				PA	PA	PG	

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

Aluminum Electrolytic Capacitor

Taping dimension