

This product is completed the lead-free and RoHS.



DATA SHEET

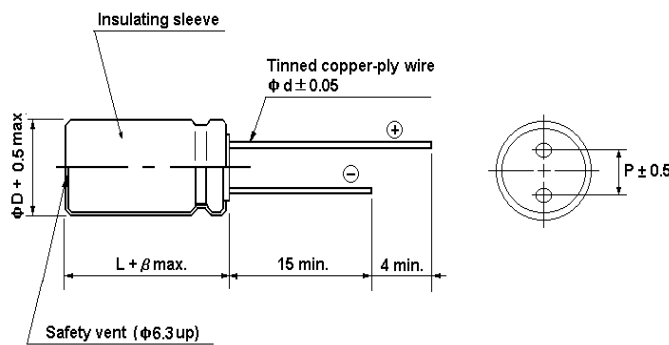


SAMWHA ELECTRIC CO., LTD.

Aluminum Electrolytic Capacitors

Date : 2021. 07. 27.
 Ident-No : SC-ARJ2830
 Part No : RZ 1C 106 M 05011 PA

Dimensions



ΦD	5
L	11
P	2.0
Φd	0.5
β	1.5

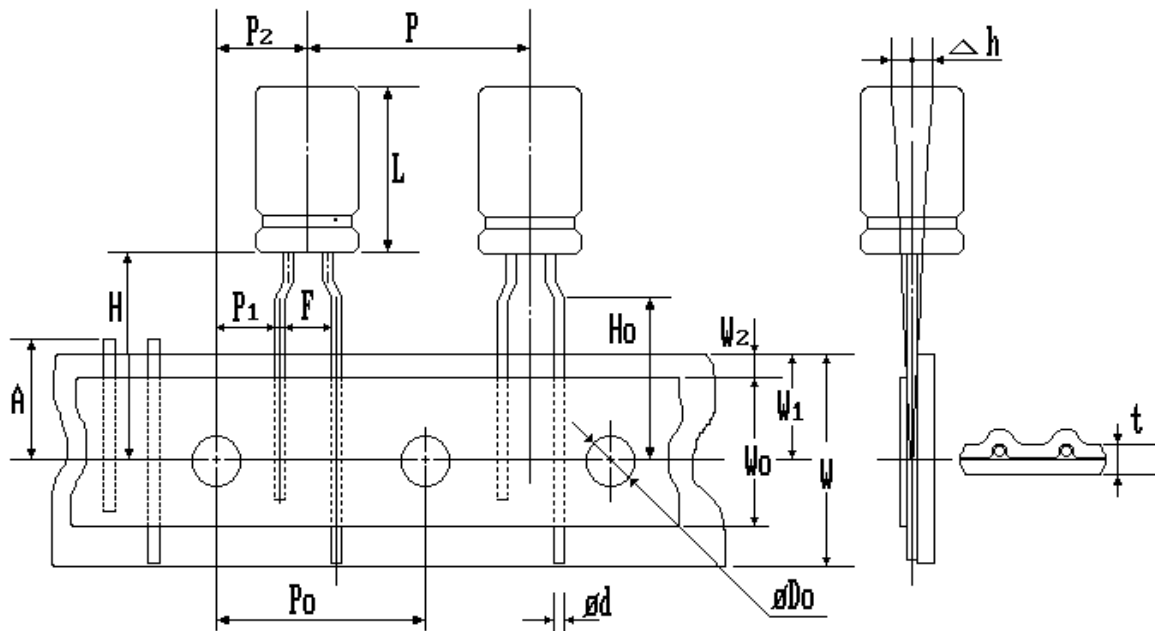
Dimensions of ΦD & L

Capacitance at 120Hz, 20°C	10 μF
Tolerance at 120Hz, 20°C	± 20 %
Rated Voltage	16 V
Surge Voltage	20 V
Ripple current at 100kHz, 105°C	100 mA rms
Impedance at 100kHz, 20°C	3.5 Ω
Leakage current after 2 minute	1.6 μA
Dissipation factor ($\tan \delta$) at 120Hz, 20°C	0.16
Equivalent series resistance(E.S.R) at 120Hz, 20°C	21.22 Ω
Temperature range	-55 ~ +105°C
Load life at 105°C	2000 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		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	12.7
Feeding hole pitch		Po	±0.2	12.7				12.7	12.7	12.7	12.7
Feeding hole alignment		P1	±0.7	3.85				3.85	3.85	3.85	3.85
Feeding hole alignment		P2	±1.0	6.35				6.35	6.35	6.35	6.35
Lead center spacing		F	+0.6 / -0.2	5.0				5.0	5.0	5.0	5.0
Body inclination		ΔH	±2.0	0				0	0	0	0
Tape width		W	±0.5	18.0				18.0	18.0	18.0	18.0
Adhesive tape width		Wo	min.	9.5				9.5	9.5	12.5	12.5
Feeding hole alignment		W1	±0.5	9.0				9.0	9.0	9.0	9.0
Adhesive tape margin		W2	max.	2.0				2.0	2.0	2.0	2.0
Length from seating plane		H	±0.5	18.5 (5, 7L=17.5)				17.5	17.5	17.5	20.0
Lead clinch height		Ho	±0.5	16.5				16.5	16.5	16.5	16.5
Feeding hole dia.		ΦDo	±0.2	4.0				4.0	4.0	4.0	4.0
Total tape thickness		t	±0.2	0.6				0.6	0.6	0.6	0.6
Cut lead height		A	max.	11.0				11.0	11.0	11.0	11.0
Taping Code	Ammo	⊕ leader		PA				PA	PA	PA	PG

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

Aluminum Electrolytic Capacitor

Taping dimension