

This product is completed the lead-free and RoHS.



DATA SHEET



SAMWHA ELECTRIC CO., LTD.

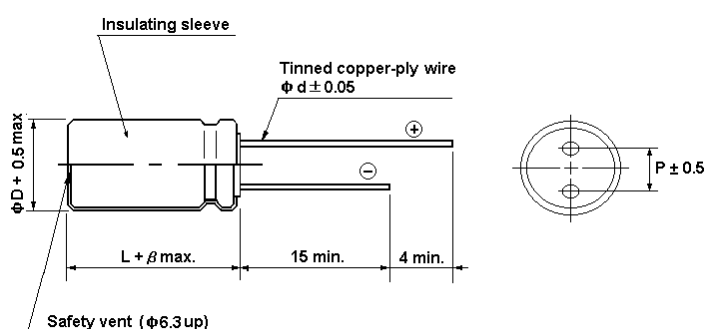
Aluminum Electrolytic Capacitors

Date : 2021. 07. 27.

Ident-No : SC-ARJ2828

Part No : RD 1H 225 M 05011 PC

Dimensions



ΦD	5
L	11
P	2.0
Φd	0.5
β	1.5

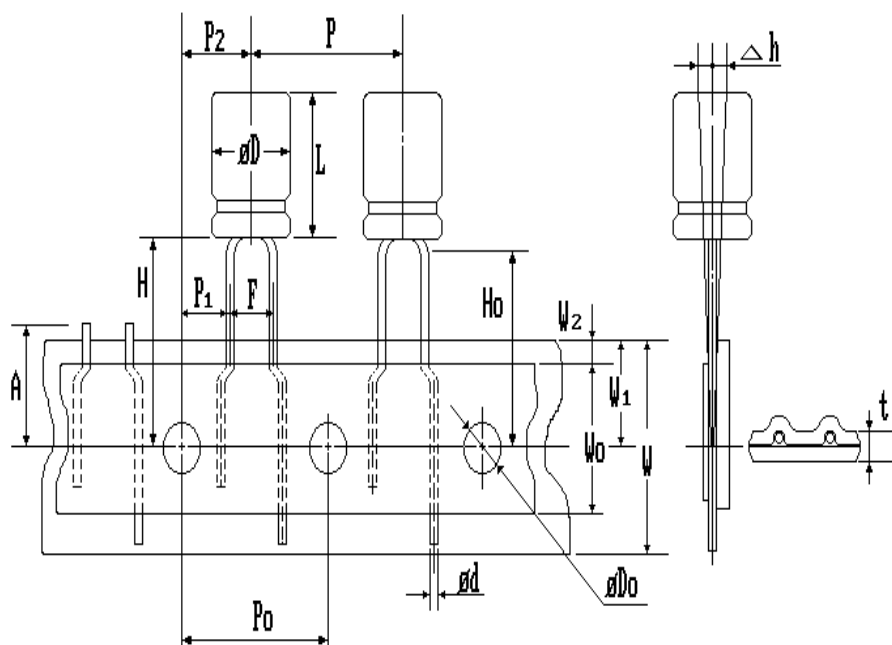
Dimensions of ϕD & L

Capacitance at 120Hz, 20℃	2.2 μF
Tolerance at 120Hz, 20℃	±20 %
Rated Voltage	50 V
Surge Voltage	63 V
Ripple current at 120Hz, 105℃	24 mA rms
Leakage current after 2 minute	3.0 μA
Dissipation factor (tanδ) at 120Hz, 20℃	0.12
Equivalent series resistance(E.S.R) at 120Hz, 20℃	72.34 Ω
Temperature range	-55 ~ +105℃
Load life at 105℃	1000 hours
Shelf life at 105℃	1000 hours

Approved

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

Technical team manager



■ Dimensions

Unit : mm

Description	Symbol	Tolerance	$\Phi 4$	$\Phi 5$	
Body height	L	*Note	5, 7	5	7, 11
Lead dia.	Φd	± 0.05	0.45	0.45	0.5
Body pitch	P	± 1.0	12.7		
Feeding hole pitch	P_0	± 0.2	12.7		
Feeding hole alignment	P_1	± 0.7	5.1		
Feeding hole alignment	P_2	± 1.0	6.35		
Lead center spacing	F	$+0.6/-0.2$	2.5		
Body inclination	Δh	± 2.0	0		
Tape width	W	± 0.5	18.0		
Adhesive tape width	W_0	min.	9.5		
Feeding hole alignment	W_1	± 0.5	9.0		
Adhesive tape margin	W_2	max.	2.0		
Length from seating plane	H	± 0.5	18.0		
Lead clinch height	H_0	± 0.5	17.0		
Feeding hole dia.	ΦD_0	± 0.2	4.0		
Total tape thickness	t	± 0.2	0.6		
Cut lead height	A	max.	11.0		
Taping Code	Ammo	$\oplus$ leader	PC		

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

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Taping dimension