

This product is completed the lead-free and RoHS.



DATA SHEET

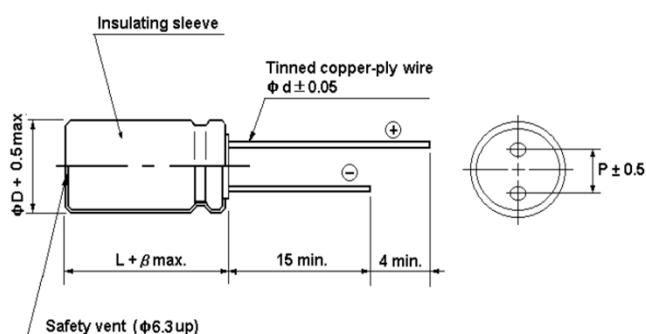


SAMWHA ELECTRIC CO., LTD.

Aluminum Electrolytic Capacitors

Date : 2026. 05. 12.
Ident-No : SC-ARP1476
Part No : WL 2G 565 M 0811M PF

Dimensions



ΦD	8
L	11.5
P	3.5
Φd	0.6
β	1.5

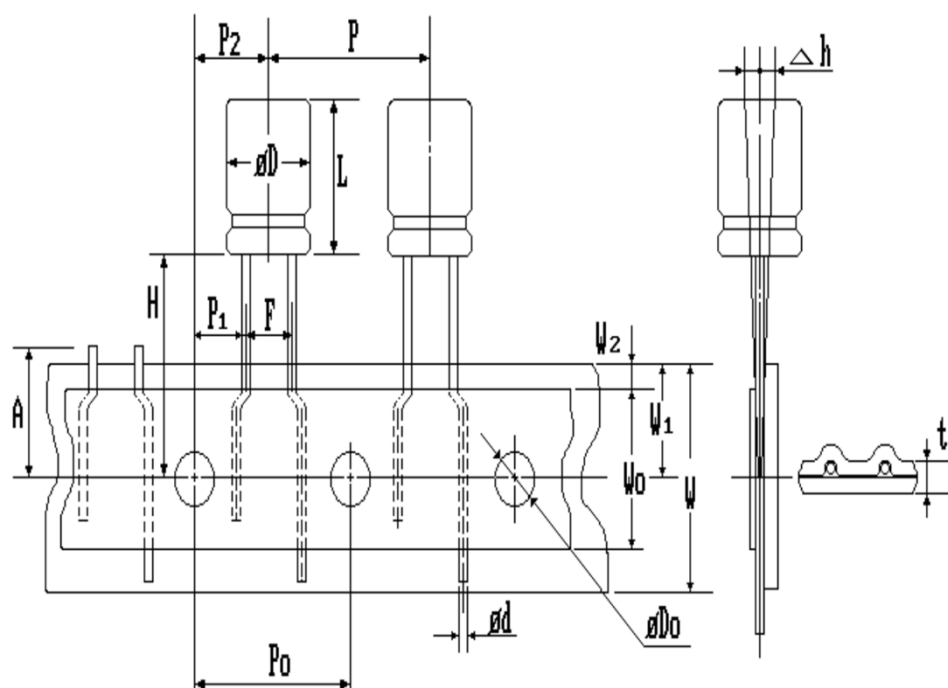
Dimensions of ΦD & L

Capacitance at 120Hz, 20℃	5.6 μF
Tolerance at 120Hz, 20℃	±20 %
Rated Voltage	400 V
Surge Voltage	450 V
Ripple current at 100kHz, 105℃	85 mA rms
Leakage current after 5 minute	59.8 μA
Dissipation factor (tanδ) at 120Hz, 20℃	0.20
Equivalent series resistance(E.S.R) at 120Hz, 20℃	47.37 Ω
Temperature range	-40 ~ +105℃
Load life at 105℃	2000 hours
Shelf life at 105℃	1000 hours

Approved

E. K. Joo e.k.joo

Technical team manager



■ Dimensions

Unit : mm

Description	Symbol	Tolerance	$\Phi 8$
Body Height	L	+1.5 max.	11.5 , 15 , 20
Lead dia	Φd	± 0.05	0.6
Body pitch	P	± 1.0	12.7
Feeding hole pitch	P_0	± 0.2	12.7
Feeding hole alignment	P_1	± 0.7	4.6
Feeding hole alignment	P_2	± 1.0	6.35
Lead center spacing	F	+0.6/-0.2	3.5
Body inclination	Δh	± 2.0	0
Tape width	W	± 0.5	18.0
Adhesive tape width	W_0	min.	12.5
Feeding hole alignment	W_1	± 0.5	9.0
Adhesive tape margin	W_2	max.	2.0
Length from seating plane	H	± 0.5	18.5
Lead clinch height	H_0	± 0.5	-
Feeding hole diameter	ΦD_0	± 0.2	4.0
Total tape thickness	t	± 0.2	0.6
Cut lead height	A	max.	11.0
Taping Code	Ammo	⊕ leader	PF

Aluminum Electrolytic Capacitor

Taping dimension