

This product is completed the lead-free and RoHS.



DATA SHEET



SAMWHA ELECTRIC CO., LTD.

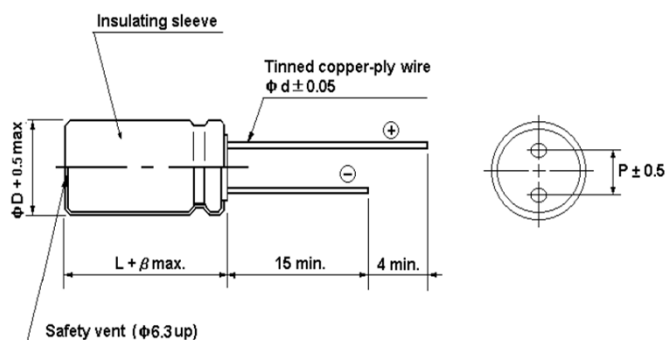
Aluminum Electrolytic Capacitors

Date : 2024. 02. 02.

Ident-No : SC-ARM593

Part No : MZ 1H 687 M 12025 BB

Dimensions



ϕD	12.5
L	25
P	5.0
ϕd	0.6
β	2.0

Dimensions of ϕD & L

Capacitance at 120Hz, 20°C	680 μF
Tolerance at 120Hz, 20°C	± 20 %
Rated Voltage	50 V
Surge Voltage	63 V
Ripple current at 100kHz, 105°C	2860 mA rms
Impedance at 100kHz, 20°C	0.021 Ω
Leakage current after 2 minute	340.0 μA
Dissipation factor (tan δ) at 120Hz, 20°C	0.10
Equivalent series resistance(E.S.R) at 120Hz, 20°C	0.20 Ω
Temperature range	-40 ~ +105°C
Load life at 105°C	5000 hours
Shelf life at 105°C	1000 hours

Approved K. C. Eom k. c. Eom

Technical team manager