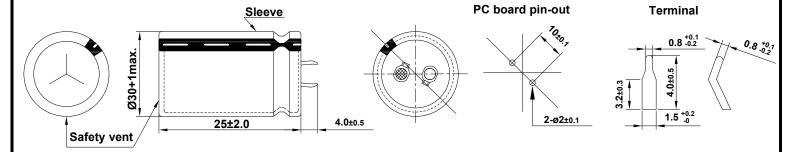
ROPLA 2020.02.27

ALUMINUM ELECTROLYTIC CAPACITORS APPROVAL NO. 10662 SERIES TDC RATING 450 V 100 CASE SIZE Ø 30 × 25 L

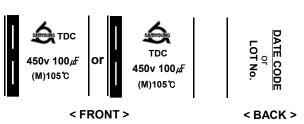
A. DIAGRAM OF DIMENSION

[UNIT: mm]



B. MARKING: <u>BROWN</u> SLEEVE & <u>SILVER</u> INK

< VIEW OF CAPACITOR >



< LOT No. : Sleeve or bottom plate marking. >

< DATE CODE : Sleeve marking. >

①②:YEAR : The ending of A.D. ③④:WEEKS : 01 ~ 52

C. ELECTRICAL CHARACTERISTICS

A. OPERATING TEMPERATURE RANGE : $\underline{-25} \sim \underline{+105}$ °C

B. RATED VOLTAGE : $\frac{450 \text{ V}_{DC}}{500 \text{ V}_{DC}}$

D. CAPACITANCE TOLERANCE : $\pm 20\%$ at 20 °C, 120 Hz

E. LEAKAGE CURRENT : Lower 900 µA, after 5 minutes at 20 ℃

F. DISSIPATION FACTOR (Tan δ) : Lower <u>0.20</u> at 20 $^{\circ}$ C, 120 Hz G. RATED RIPPLE CURRENT : <u>0.75 Arms</u> at 105 $^{\circ}$ C, 120 Hz H. TEMPERATURE CHARACTERISTIC : $Z(-25 ^{\circ})/Z(20 ^{\circ})$ 8

(Max. Impedance ratio) (at 120 Hz)

I. LOAD LIFE : The following specifications shall be satisfied when the capacitors are restored to 20 ℃ after the rated voltage is applied for 2,000 hours at 105 ℃.

Capacitance change : $\leq \pm 20 \%$ of the initial value

Tan δ : $\leq 200 \%$ of the initial specified value

Leakage current : ≤ The initial specified value

after exposing them at $\underline{105\,^{\circ}}$ for $\underline{1,000}$ hours without voltage applied.

The rated voltage shall be applied to the capacitors for a minimum of 30 minutes,

at least 24 hours and not more than 48 hours before the measurements.

Capacitance change : $\leq \pm 20 \%$ of the initial value

Tan δ : $\leq 200 \%$ of the initial specified value

Leakage current : ≤ The initial specified value

K. CLEANING CONDITIONS: Non-solvent proof

L. OTHERS : Satisfied characteristics KS C IEC 60384-4

