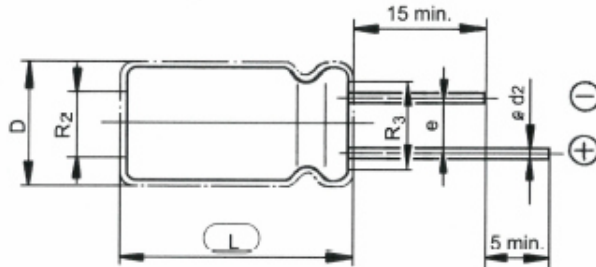


## Aluminium electrolytic capacitor – ERY 2.200µF 50V (polarized, insulated, pulse proof)

date of issue 2018-06



### Dimensions [mm]:

D:	16,5 + 0,1
L:	36,5 – 1,0
e:	7,5 ± 0,5
d <sub>2</sub> :	0,8 ± 0,05
R <sub>2</sub> :	13,0 max

rubber: flat rubber bung  
 case: with vent on the case bottom  
 Insulation: PET tube, black  
 print image: white  
 lead type: single end

### Generic specification:

DIN EN 60384-1

### Sectional specification:

DIN EN 60384-4

without quality assessment

### Operating temperature range:

-55 to +105°C

### Climatic category:

55/105/56

### Endurance at least:

min. 30.000 h at ≤ + 105°C

min. 2.880.000 h at ≤ + 40°C

### Surge voltage V<sub>s</sub>:

V<sub>s</sub> = 1,15 x V<sub>R</sub>

### Attachment:

Graph endurance test ΔC/C<sub>0</sub>max

### Special ratings:

Typ: ERY 2.200 µF / 50 V ±20%

tan δ 100Hz +20°C ≤ 0,10

ESR 100Hz +20°C (typical) ≤ 0,033 Ω

Z 10kHz, +20°C ≤ 0,041 Ω

Z 10kHz, +20°C (typical) ≤ 0,022 Ω

I<sub>ra</sub> +20°C 5 min. ≤ 223,0 µA

I<sub>ra</sub> +20°C 5 min. (typical) ≤ 14,5 µA

I~ +85°C 100kHz Δt ca.10 K ≤ 6,2 A\*

I~ +105°C 100kHz Δt ca.3 K ≤ 3,5 A\*

I~ +85°C 100Hz Δt ca.10 K ≤ 4,0 A\*

I~ +105°C 100Hz Δt ca.3 K ≤ 2,2 A\*

\* refer to continuous load

### Packing:

- Bags in carton (100 components / bag)

- 4 bags / carton (1 packing unit)

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# Endurance at 105°C, capacitance change $\Delta C/C_0$ max

