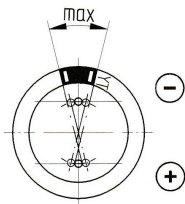
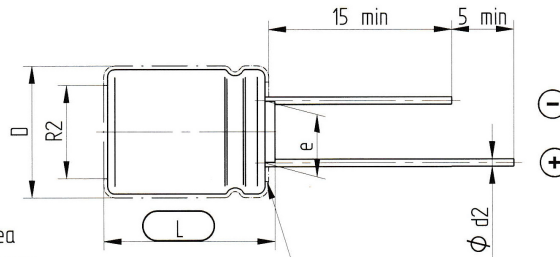


## Aluminium electrolytic capacitor – ERY 3.300µF 50V (polarized, insulated, pulse proof)

date of issue 2018-06



the negative wire must be in the area of the negative or bipolar strip between the two boundary lines



shrink able tube must not protrude beyond the stepped profile

### Dimensions [mm]:

<b>D:</b>	<b>18,0 +0,5</b>
<b>L:</b>	<b>35,5 +2,0</b>
<b>e:</b>	<b>7,5 ±0,5</b>
<b>d<sub>2</sub>:</b>	<b>0,8 ±0,05</b>
<b>R<sub>2</sub>:</b>	<b>15,0 max</b>

rubber: profile rubber bung  
case: without vent  
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. 20.000 h at ≤ + 105°C  
min. 80.000 h at ≤ + 85°C  
min. 1.920.000 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>0max</sub>

### Special ratings:

<b>Type: ERY 3.300 µF / 50 V ±20%</b>	
<b>tan δ 100Hz +20°C</b>	≤ <b>0,12</b>
<b>ESR 100Hz +20°C (typical)</b>	≤ <b>0,034 Ω</b>
<b>Z 10kHz +20°C</b>	≤ <b>0,030 Ω</b>
<b>Z 10kHz +20°C (typical)</b>	≤ <b>0,024 Ω</b>
<b>I<sub>ra</sub> +20°C 5min</b>	≤ <b>334,0 µA</b>
<b>I<sub>ra</sub> +20°C 2min (typical)</b>	≤ <b>19,5 µA</b>
<b>I~ +85°C 100kHz Δt 10K</b>	≤ <b>6,1 A*</b>
<b>I~ +105°C 100kHz Δt 3K</b>	≤ <b>3,4 A*</b>
<b>I~ +85°C 100Hz Δt 10K</b>	≤ <b>4,2 A*</b>
<b>I~ +105°C 100Hz Δt 3K</b>	≤ <b>2,3 A*</b>

\* refer to continuous load

**Packing:**  
- Bags in carton (100 components / bag)  
- 3 bags / carton (1 packing unit)

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ISO 9001

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

