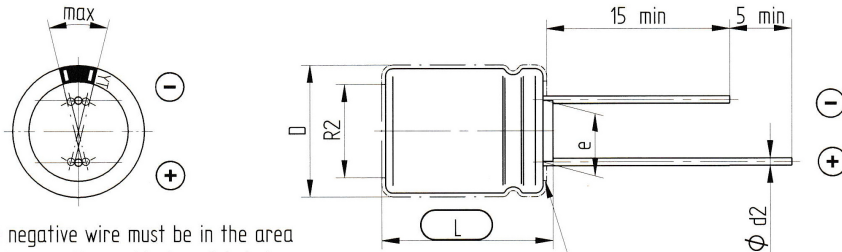


## Aluminium electrolytic capacitor – ERF 15.000µF 6,3V (polarized, insulated, pulse proof)

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>29,0 +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. 10.000 h at ≤ + 105°C

min. 40.000 h at ≤ + 85°C

min. 1.000.000 h at ≤ + 40°C

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

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

### Special ratings:

**Typ: ERF 15.000 µF / 6,3 V ±20%**

**tan δ 100Hz +20°C ≤ 0,45**

**ESR 100Hz +20°C (typical) ≤ 0,034 Ω**

**Z 100kHz +20°C ≤ 0,034 Ω**

**Z 100kHz +20°C (typical) ≤ 0,026 Ω**

**I<sub>ra</sub> +20°C 5min ≤ 40,0 µA**

**I<sub>ra</sub> +20°C 2min (typical) ≤ 15,0 µA**

**I~ +85°C 100kHz Δt 10K ≤ 4,7 A\***

**I~ +105°C 100kHz Δt 3K ≤ 2,7 A\***

**I~ +85°C 100Hz Δt 10K ≤ 3,6 A\***

**I~ +105°C 100Hz Δt 3K ≤ 2,0 A\***

\* refer to continuous load

### Packing:

- Bags in carton (500 components / bag)

- 6 bags / carton (1 packing unit)

## FROLYT Kondensatoren und Bauelemente GmbH

ISO 9001

Tel:

+ 49 3731 571-300

Fax:

+ 49 3731 571-317

Home adress:

Dammstraße 46, Germany-09599 Freiberg / Saxony

Website:

[www.frolyt.de](http://www.frolyt.de)

e-Mail:

[info@frolyt.de](mailto:info@frolyt.de)