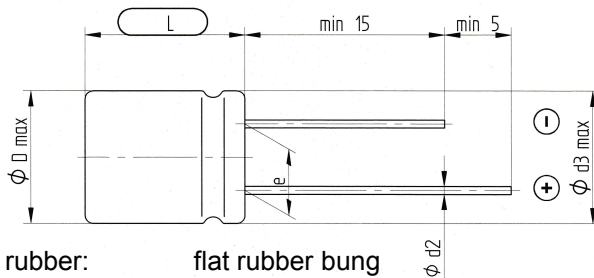


## Aluminium electrolytic capacitor – ERLL 2800µF 4V (polarized, insulated, pulse proof)

date of issue 2019-03



### Dimensions [mm]:

|              |           |
|--------------|-----------|
| $D_{max}$ :  | 10,05     |
| L:           | 12,0 ±0,2 |
| e:           | 5,0 ±0,3  |
| $d_2$ :      | 0,6 ±0,05 |
| $d_{3max}$ : | 10,0      |

|              |  |
|--------------|--|
| rubber:      | flat rubber bung   |
| case:        | without vent   |
| insulation:  | PE coated  |
| print image: | print on case bottom (Ink-Jet),<br>negative polarity as beam |
| 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. 500.000 h at ≤ +40°C

min. 5.000 h at ≤ +105°C

### Special ratings:

Typ: ERLL 2800 µF / 4 V +20/-10%

$\tan \delta$  100Hz +20°C ≤ 0,33

ESR 100Hz +20°C (typical) ≤ 0,13 Ω

Z 100kHz, +20°C ≤ 0,15 Ω

Z 100kHz, +20°C (typical) ≤ 0,09 Ω

I<sub>ra</sub> +20°C 5min ≤ 3,0 µA

I<sub>ra</sub> +20°C 5min (typical) ≤ 0,6 µA

I<sub>ra</sub> +20°C 10min ≤ 1,0 µA

I<sub>ra</sub> +20°C 10min (typical) ≤ 0,3 µA

I<sub>r</sub> +85°C 100kHz Δt 10K ≤ 1,3 A\*

I<sub>r</sub> +105°C 100kHz Δt 3K ≤ 0,8 A\*

I<sub>r</sub> +85°C 100Hz Δt 10K ≤ 1,0 A\*

I<sub>r</sub> +105°C 100Hz Δt 3K ≤ 0,6 A\*

\* refer to continuous load

### Packing:

- Bags in box (500 pcs / bag)

- 6 bags / box (1 packing unit)

### Special feature:

Operating leakage current after 5 days continuous at 4V (Temperature range -5°C to +60°C): max. 0,02µA

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