

## ● Feature

- ✓ Endurance: 105°C 2,000h
- ✓ Rated voltage: 25 to 35V<sub>dc</sub>
- ✓ Capacitance: 330 to 1,000μF
- ✓ Size: φ8×10L to φ10×10L
- ✓ Higher capacitance (gained 19 to 42%) than MZR series

## ● Recommended Application

- ✓ For switched-mode power supplies (Smoothing output current)
- ✓ Power supplies (Back up) for automotive
- ✓ For automotive (Body) motor DC-LINK

## ● Product Chart

- ✓ Recommended to replace in MZA/MZJ to MZS

\*High capacitance / low impedance series (SMD type)

### MZA

- Lower impedance
- 470μF / 850mArms (25v, φ10×10L)

Since 2003.04

### MZJ

- Lower impedance
- 560μF / 1,190mArms (25v, φ10×10L)

Since 2010.03

### MZR

- Higher capacitance
- 820μF / 1,190mArms (25v, φ10×10L)

Since 2013.12

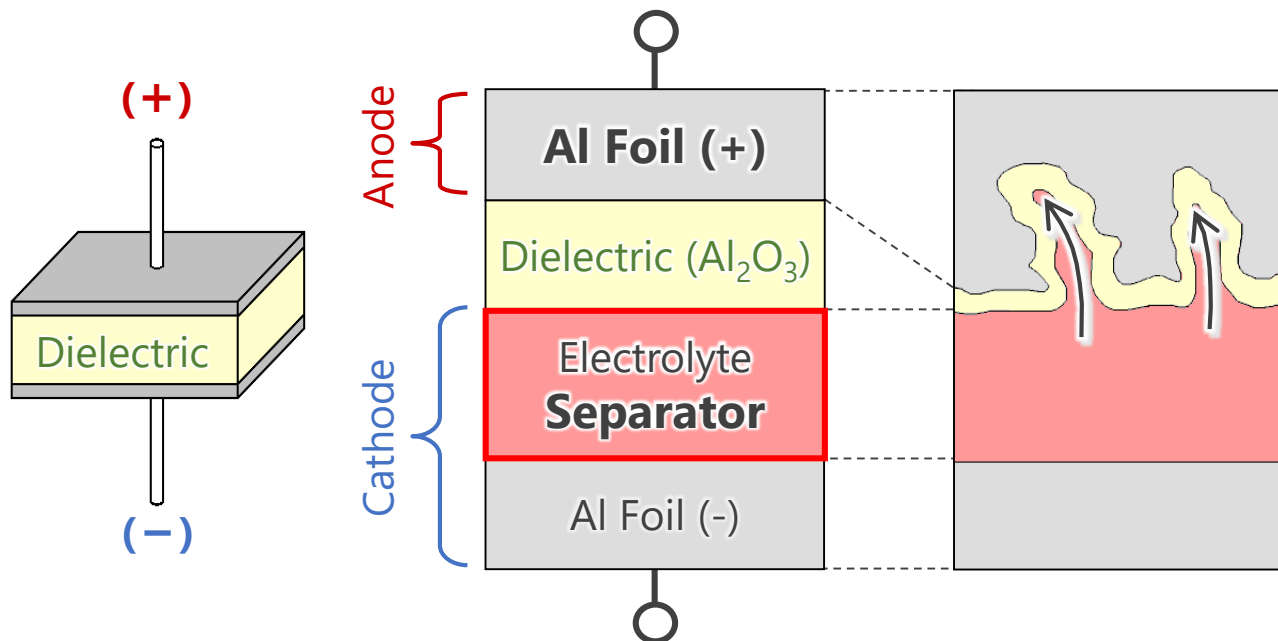
### MZS

- Higher capacitance
- 1,000μF / 1,190mArms (25v, φ10×10L)

Since 2018.06



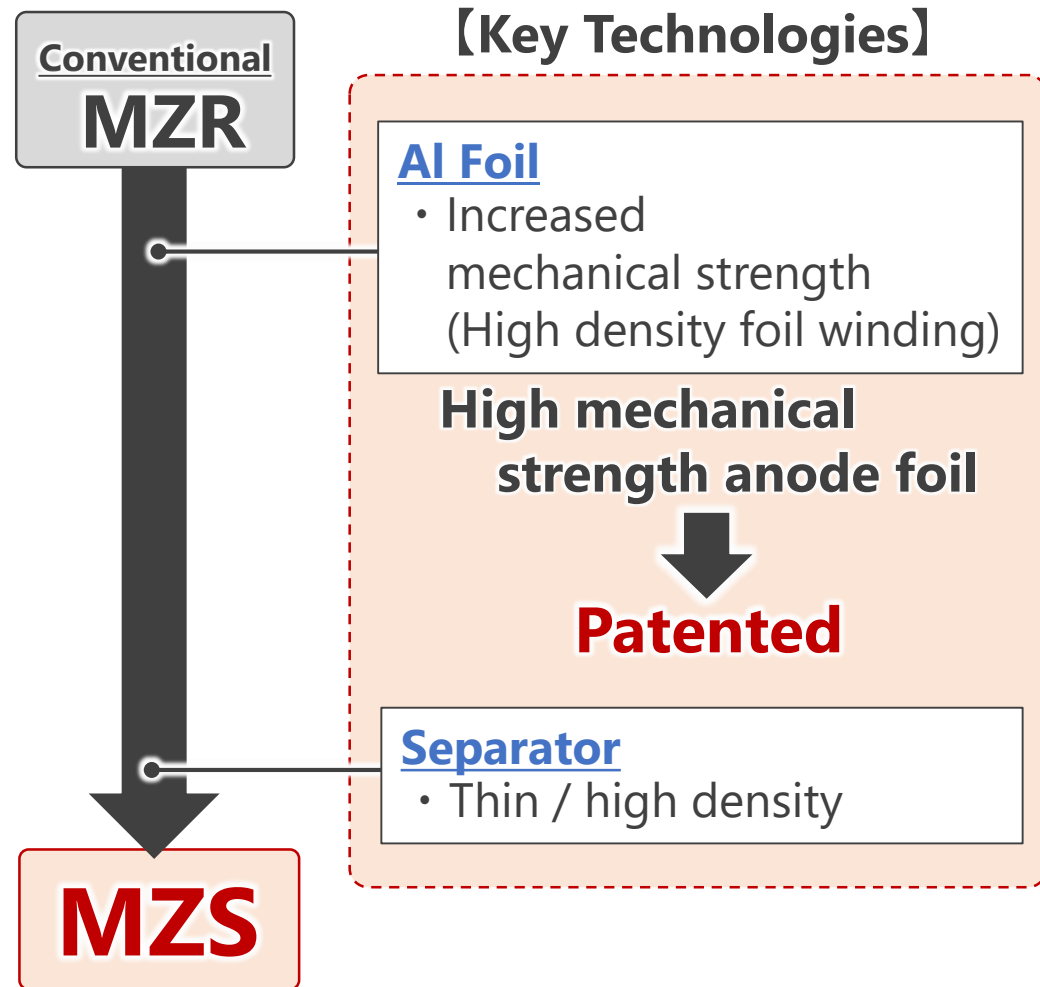
## ● Advantage



### ☑ Two advantages from MZR to MZS



- ① Downsizing
- ② Higher capacitance

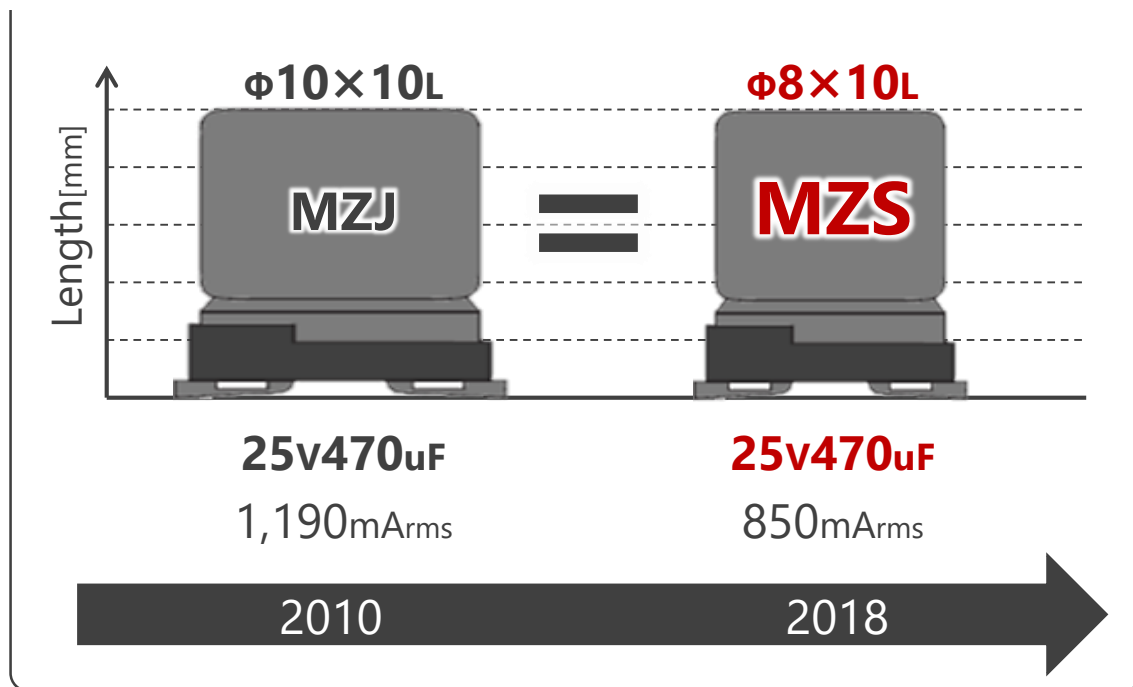


## ● Benefit/Evidence

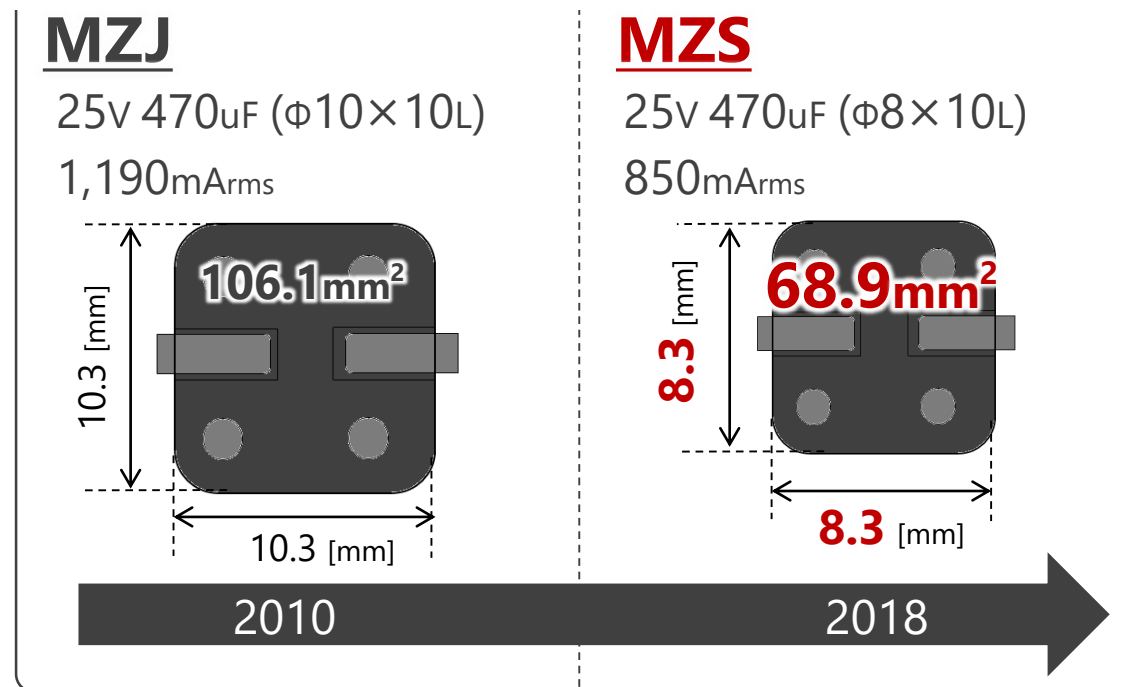
- ➔ ① **Downsizing** . . . Equipment downsizing, Reduced area occupied by parts
- ② Higher cap. . . . Reduced # of capacitor



### ☑ Downsizing (Fixed total capacitance)



### ☑ Reduced area (Fixed total capacitance)



## ● Benefit/Evidence

① Downsizing . . . Equipment downsizing, Reduced area occupied by parts

➔ ② Higher cap. . . . Reduced # of capacitor

