NEW

PSW Series

Radial Lead Type

Conductive Polymer Aluminum Solid Capacitor

Super low ESR
Smoothing output current

CHEMI-CON

No. U20L080046A

● Feature

- ☑ Endurance: 105℃ 5,000h
- ☑ Voltage: 25Vdc
- ☑ Capacitance: 180 to 820uF
- ☑ Size: Φ6.3×8L to Φ10×11.5L
- ☑ Higher capacitance than PSG series

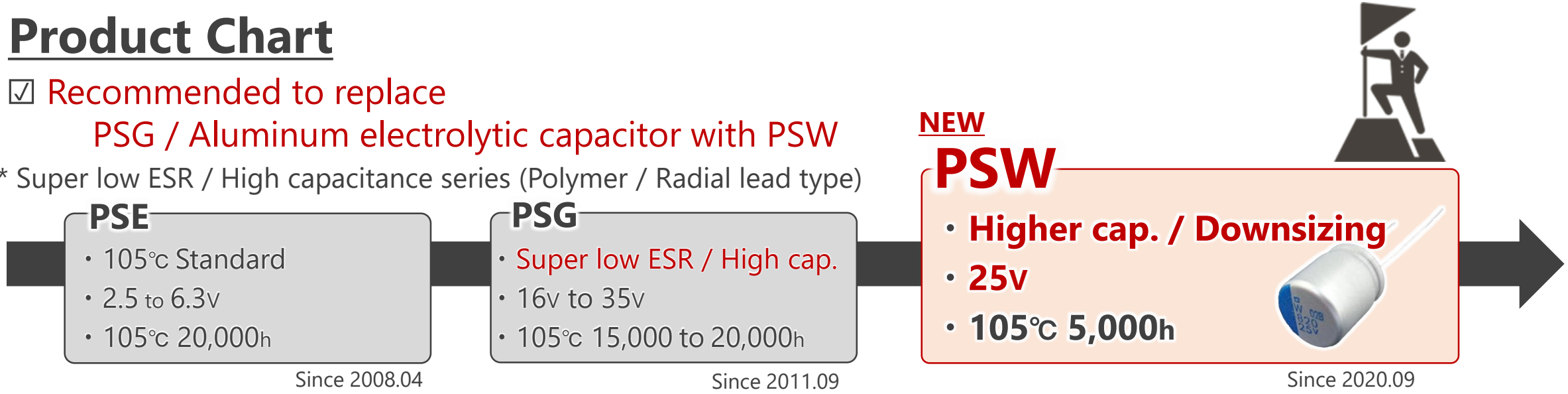
● Recommended Application

- ☑ Power supply that required output excellent filtering
- ☑ Switched-mode power supplies
- ☑ USB Power Delivery

● Product Chart

☑ Recommended to replace
PSG / Aluminum electrolytic capacitor with PSW

* Super low ESR / High capacitance series (Polymer / Radial lead type)



URL_ https://www.chemi-con.co.jp/e/

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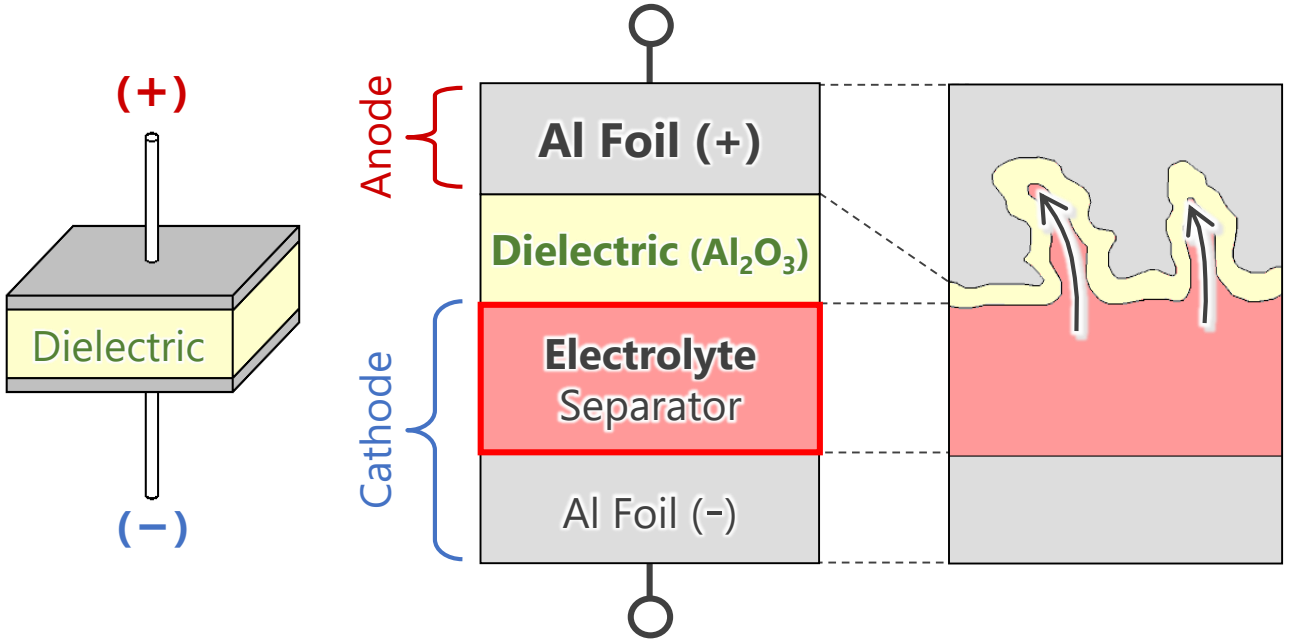
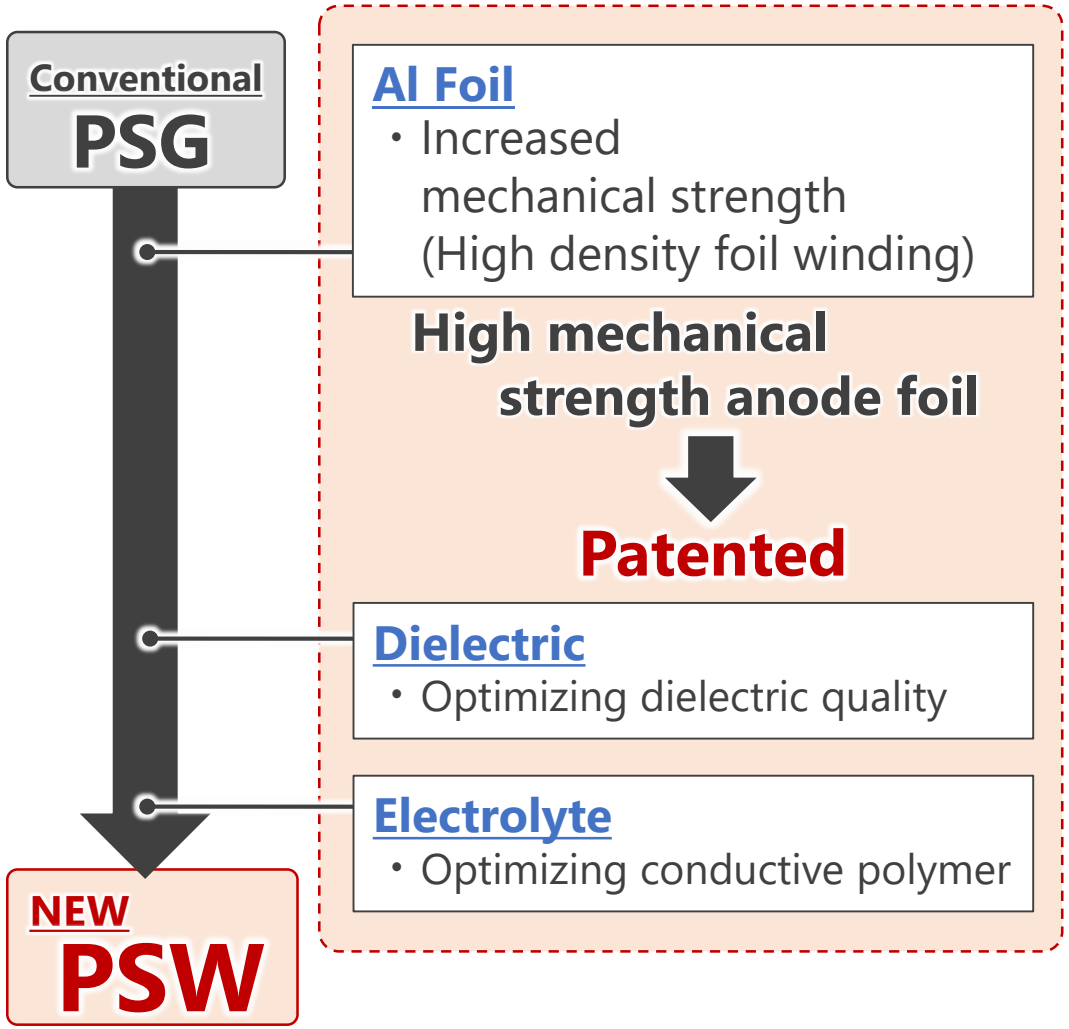
● Advantage



☑ Two advantages of PSW

①Super low ESR
②Higher capacitance

【 Key Technologies 】



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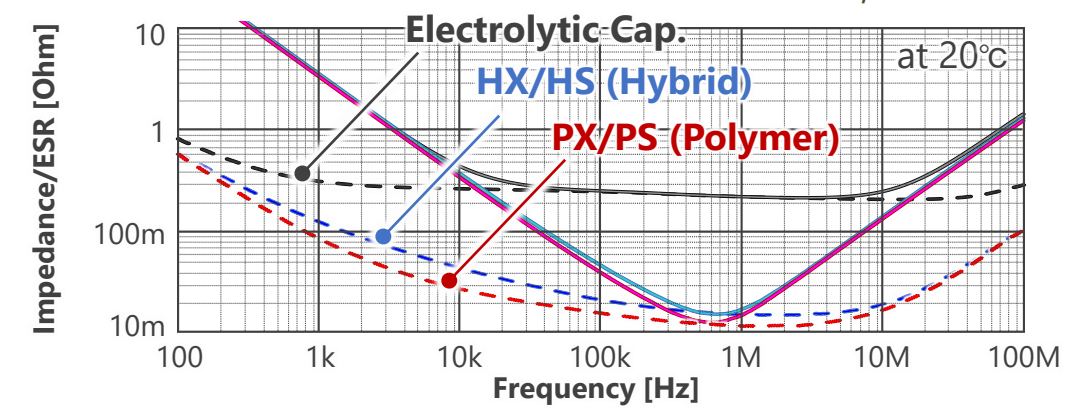
● Benefit/Evidence

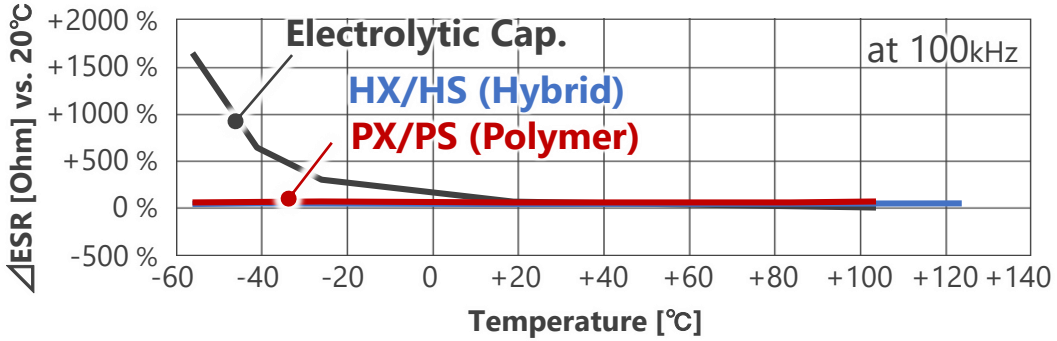
➡ ①Super low ESR・・・Suitable for low noise or high performances power supply

②Higher cap.・・・・Equipment downsizing

☑ Temp. characteristics (ESR)

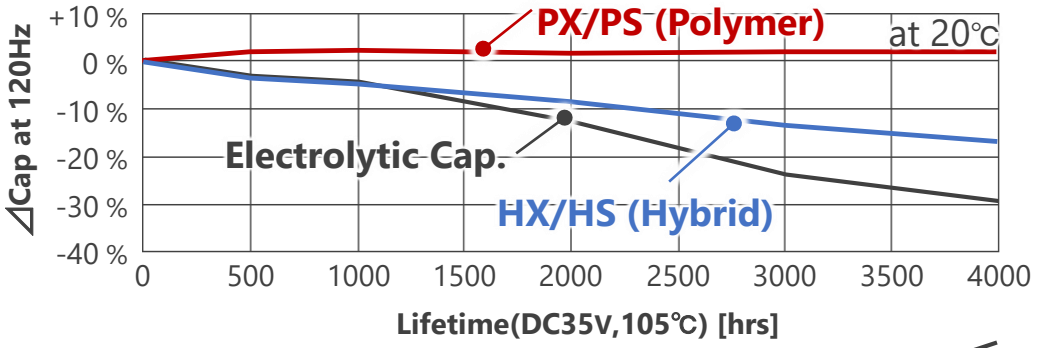
35V47uF, Φ6.3×6.8L

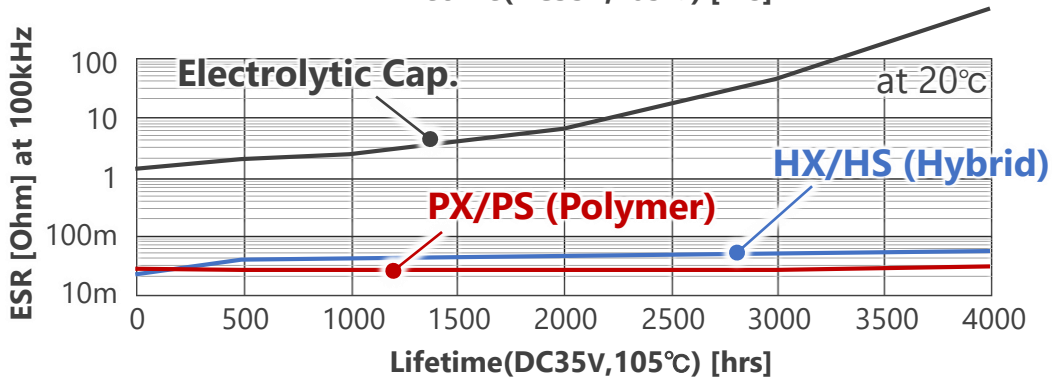




☑ Endurance (ESR)

35V47uF, Φ6.3×6.8L





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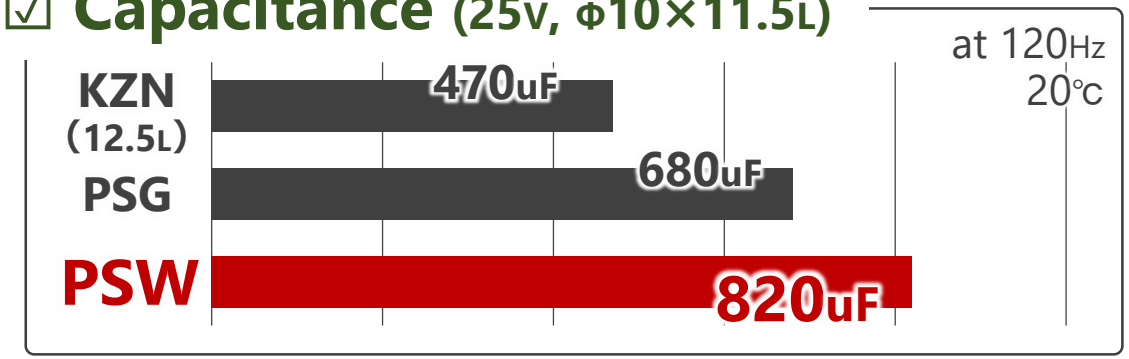
● Benefit/Evidence

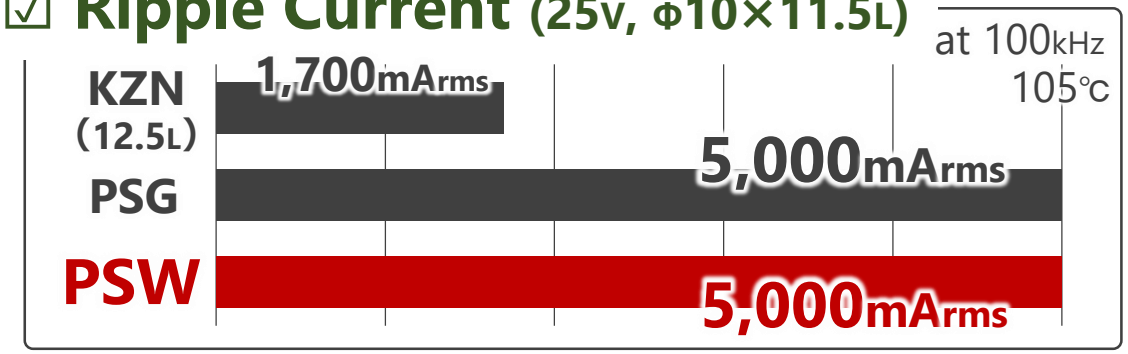
①Super low ESR・・・Suitable for low noise or high performances power supply

➡ ②Higher cap. ・・・・Equipment downsizing

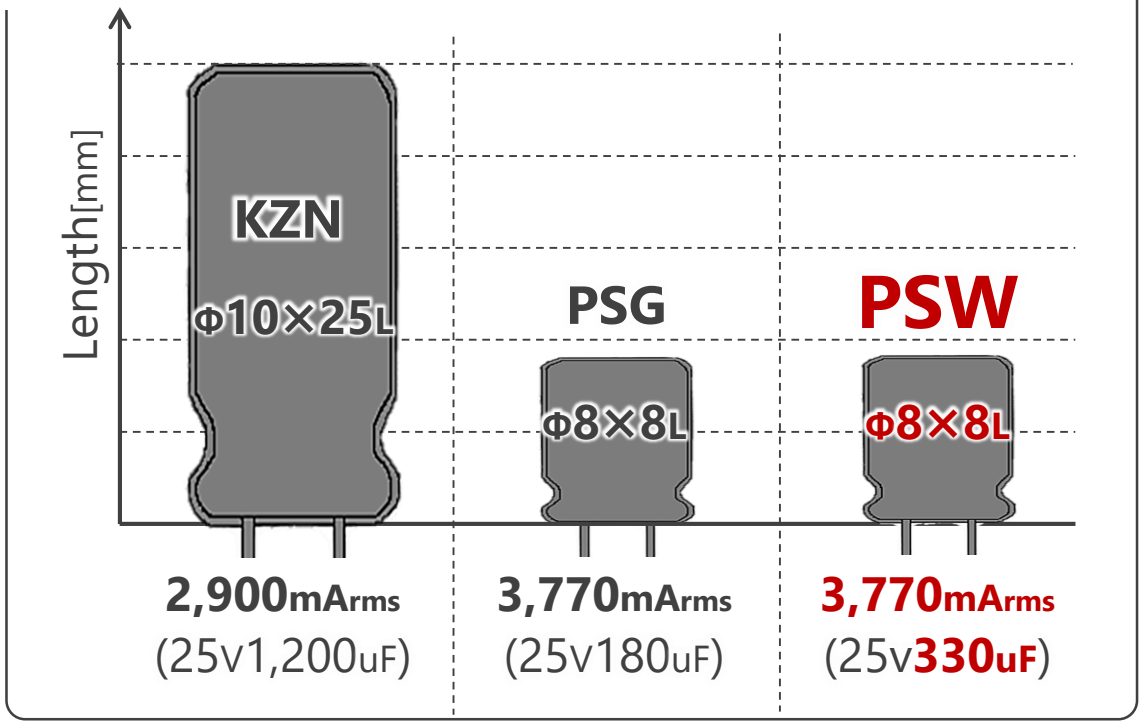
☑ Capacitance (25V, Φ10×11.5L)



☑ Ripple Current (25V, Φ10×11.5L)



☑ Downsizing (More than 2,900mArms)



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