Upgrade!!

PSG Series

Radial Lead Type

Conductive Polymer Aluminum Solid Capacitor

Super low ESR
Smoothing output current

CHEMI-CON

No. U20L080045A

● Feature

- ☑ Endurance: 105℃ 15,000h / 20,000h
- ☑ Voltage: 16 to 35Vdc
- ☑ Capacitance: 56 to 2,700uF
- ☑ Size : Φ6.3×5L to Φ10×20L
- ☑ Higher capacitance than PSF series

● Recommended Application

- ☑ Power supply that required output excellent filtering
- ☑ Switched-mode power supplies
- ☑ Power supply for server (16v only)
- ☑ USB Power Delivery

● Product Chart

☑ Recommended to replace
Aluminum electrolytic capacitor with PSG

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

PSE
- 105℃ Standard
- 2.5v to 6.3v
- 105℃ 20,000h

Since 2008.04

PSF
- Low ESR
- 2.0v to 16v
- 105℃ 20,000h

Since 2008.10

2021.06
Upgrade!

PSG
- **Newly Added 2 items**
  20v680uF (Φ8×16L)
  25v560uF (Φ8×16L)

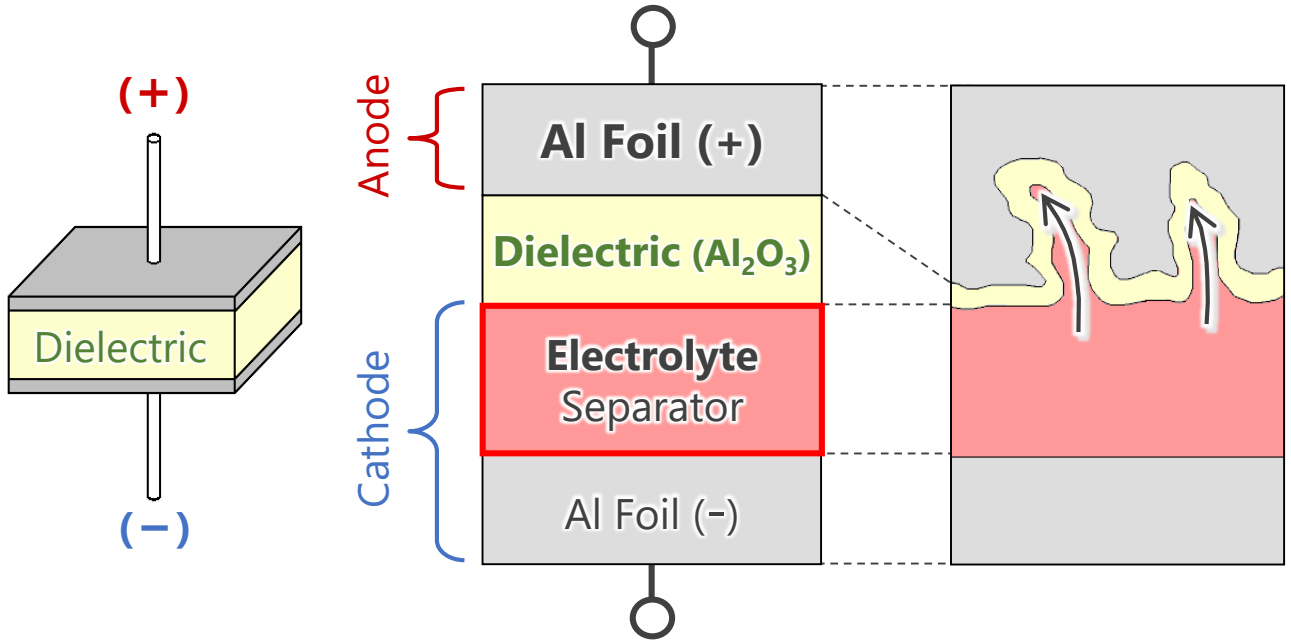
- **Higher cap. / Higher voltage proof**
- **16v to 35v**
- **105℃ 15,000h / 20,000h**

Since 2011.09

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

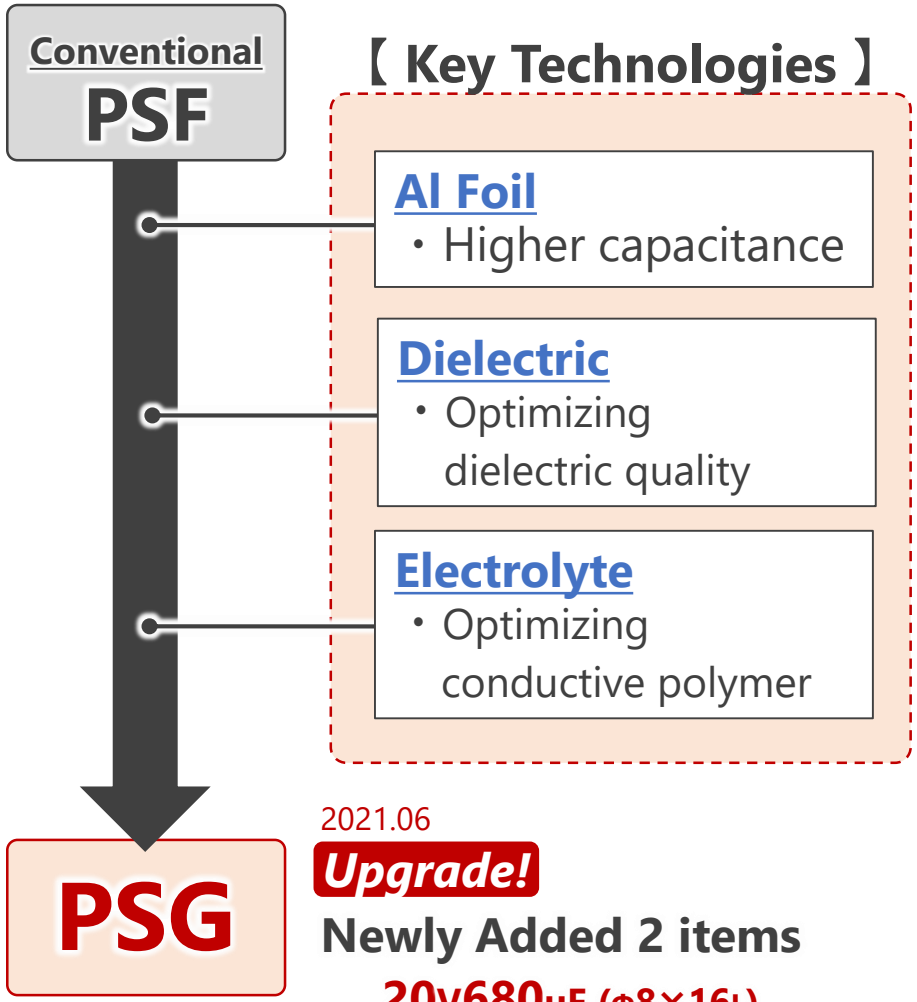
Conductive Polymer Aluminum Solid Capacitor

● Advantage



☑ Three advantages of PSG

①Super low ESR
②Higher capacitance
③Higher ripple current



2021.06
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Newly Added 2 items
20V680uF (φ8×16L)
25V560uF (φ8×16L)

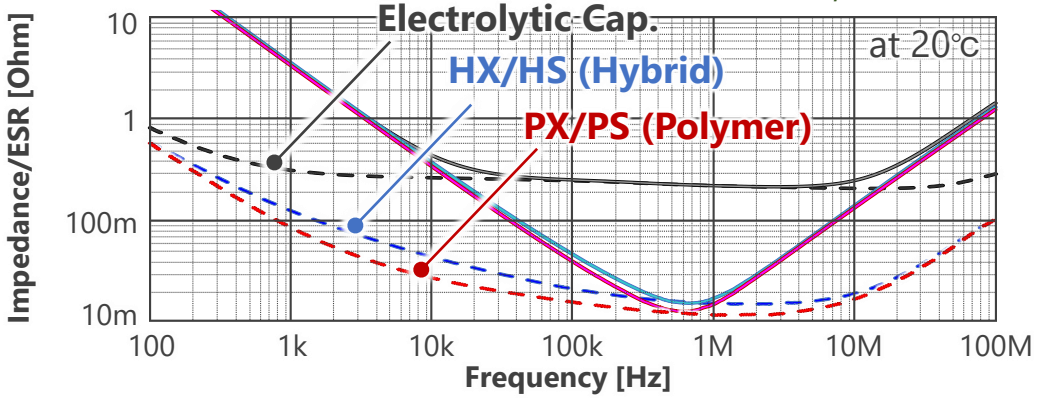
● Benefit/Evidence

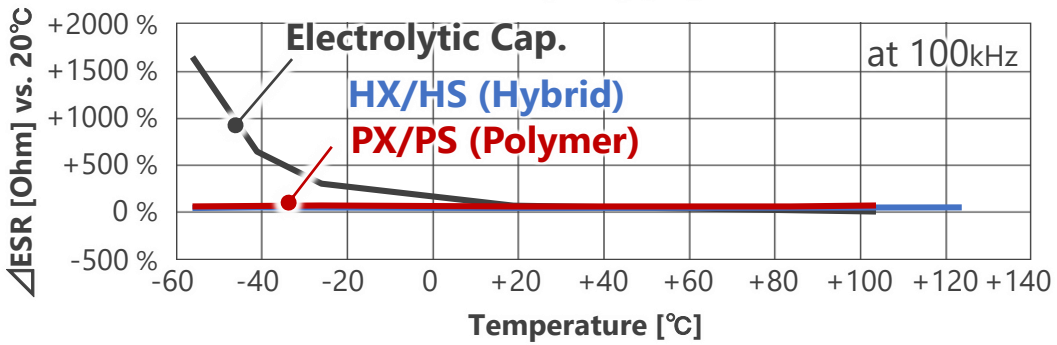
➡ ①Super low ESR ・・・・Suitable for low noise or high performances power supply

②Higher cap. / ③Higher ripple ・・Equipment downsizing

☑ Temp. characteristics (ESR)

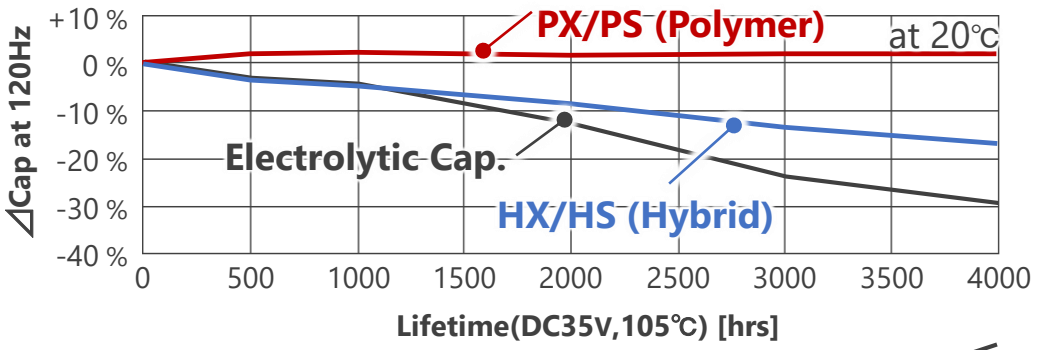
35V47uF, Φ6.3×6.8L

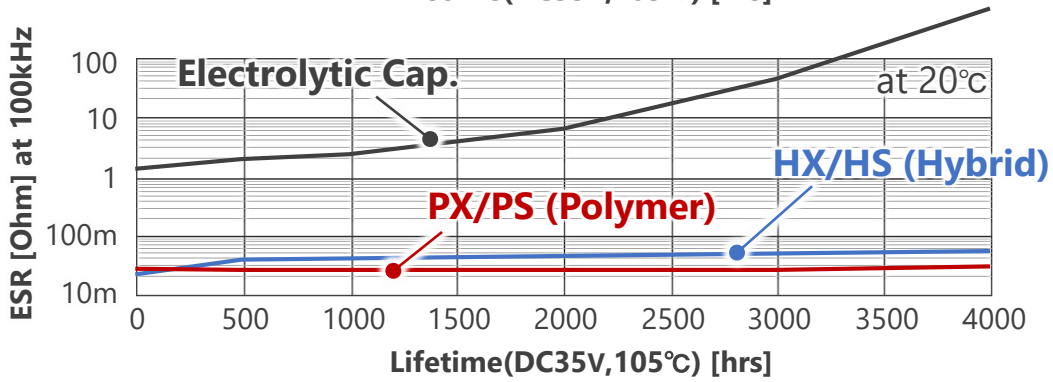




☑ Endurance (ESR)

35V47uF, Φ6.3×6.8L





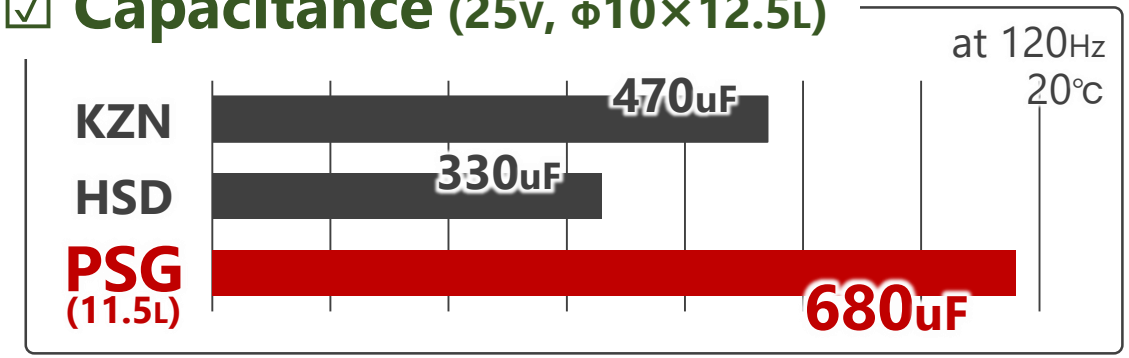
Conductive Polymer Aluminum Solid Capacitor

● Benefit/Evidence

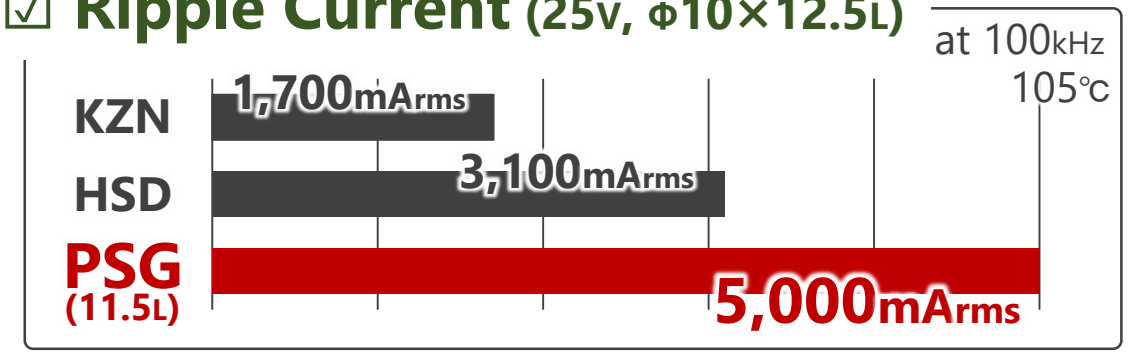
①Super low ESR・・・・ Suitable for low noise or high performances power supply

➡ ②Higher cap. / ③Higher ripple・・Equipment downsizing

☑ Capacitance (25V, Φ10×12.5L)



☑ Ripple Current (25V, Φ10×12.5L)



☑ Downsizing (More than 2,900mArms)