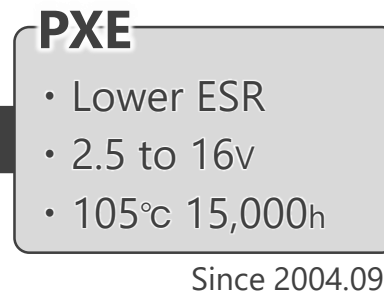
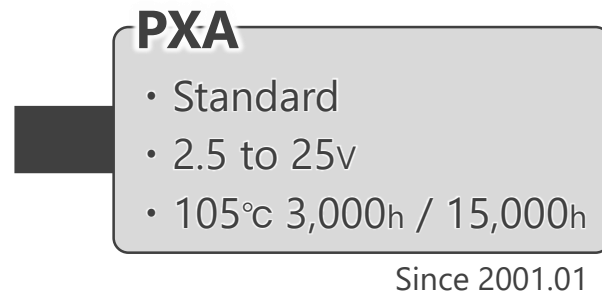


● Feature

- ☑ Endurance: 105°C 3,000h / 15,000h
- ☑ Voltage: **16V_{dc} to 25V_{dc}**
- ☑ Capacitance: 22μF to 1,000μF
- ☑ Size: φ5×4.8L to φ10×12.2L
- ☑ **Higher voltage** than PXE

● Product Chart

- ☑ **Recommended to replace PXE with PXG**
* Super low ESR / High voltage (Polymer / SMD type)



2023.08

Upgrade!

PXG

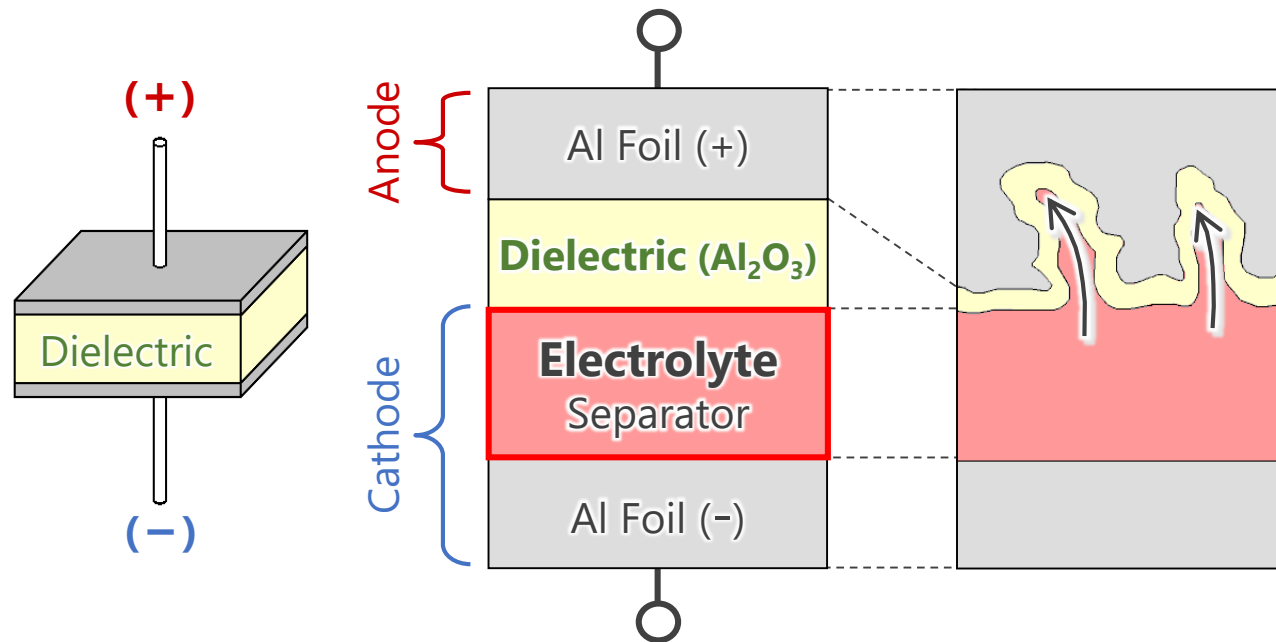
- **Expanded to 25v!!**
(27μF, 68μF, 120μF, 150μF, 180μF)
- **Higher cap. / Higher voltage**
- **16 ~ 25v**
- **105°C 3,000h / 15,000h**



Since 2011.11



● Advantage



☑ Three advantages of PXG



- ① Super low ESR
- ② Higher voltage
- ③ Higher cap. / Higher ripple current

Conventional
PXE

【 Key Technologies 】

Dielectric

- Optimized thickness

Electrolyte

- Optimizing conductive polymer

PXG

2023.08

Upgrade!

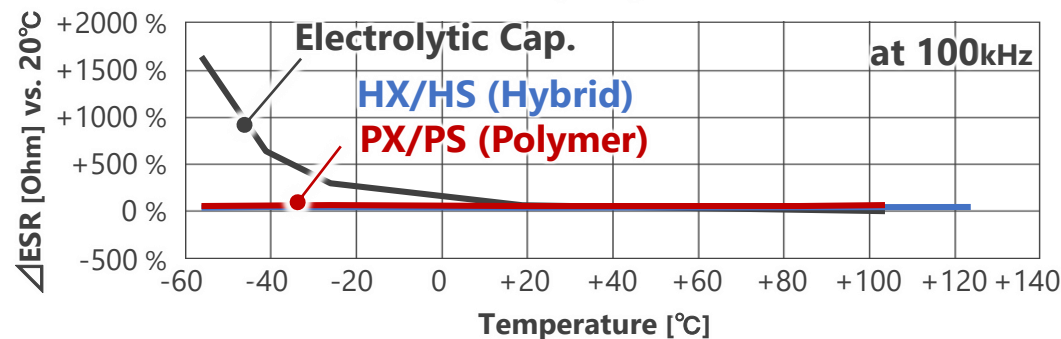
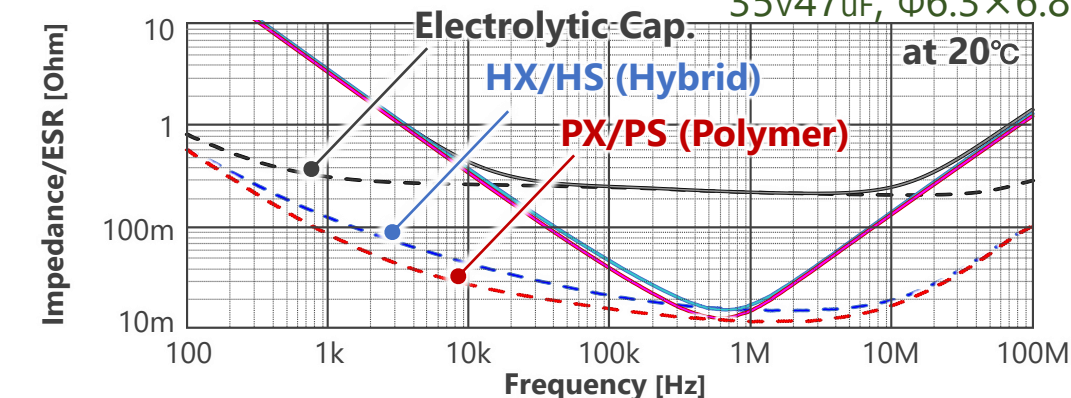
Expanded to 25v!!
(27 μF , 68 μF , 120 μF , 150 μF , 180 μF)

● Benefit/Evidence

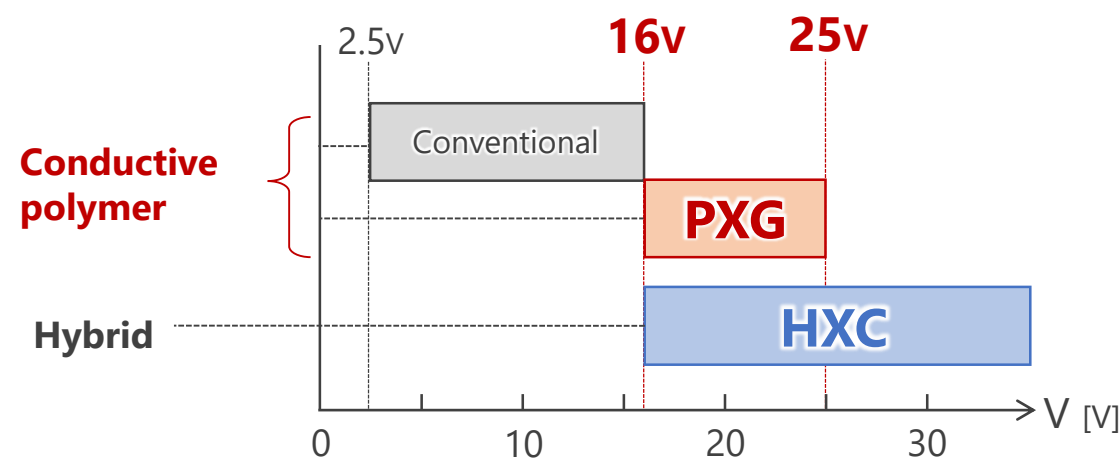
- ➡ ① **Super low ESR** . . . **Suitable for low noise or high performances power supply**
- ➡ ② **Higher voltage** . . . **Lowest ESR series over 16 to 25v**
- ③ **Higher cap. / Higher ripple current** . . . **Higher power density**



☑ Temp. characteristics (ESR)

35V47 μ F, Φ 6.3 $\times$ 6.8L

☑ Super low ESR over 16 to 25v



● Focused on low ESR over 16 to 25v

HXC
50m Ω , 900mA_{rms}
(25V56 μ F, Φ 6.3 $\times$ 5.8L)

Super low ESR

PXG
30m Ω , 2,800mA_{rms}
(25V56 μ F, Φ 6.3 $\times$ 5.8L)

● Benefit/Evidence

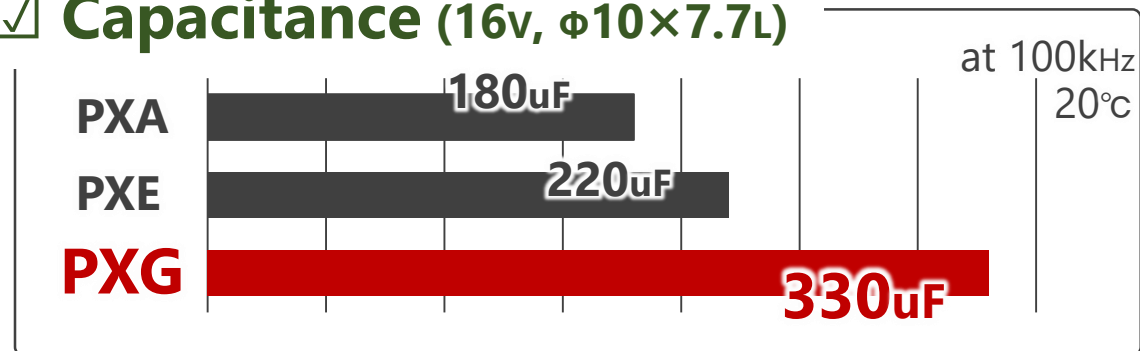
① Super low ESR . . . Suitable for low noise or high performances power supply

② Higher voltage . . . Lowest ESR series over 16 to 25v

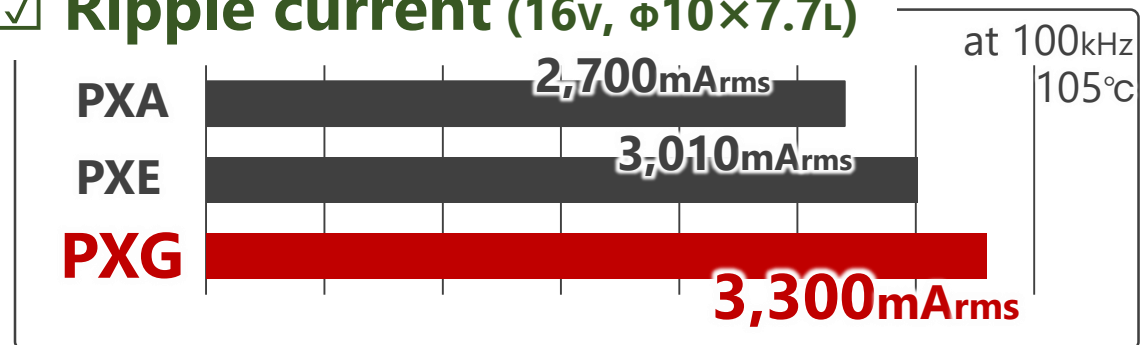
➔ ③ **Higher cap. / Higher ripple current** . . . **Higher power density**



☑ Capacitance (16v, $\phi 10 \times 7.7L$)



☑ Ripple current (16v, $\phi 10 \times 7.7L$)



☑ Downsizing (16v180uF)

