

● Feature

- ☑ Endurance: 135°C 4,000h (with ripple)
- ☑ Voltage: 25 to 63V_{dc}
- ☑ Capacitance: 33μF to 330μF
- ☑ Size: φ8×10L to φ10×10L
- ☑ Bias humidity: 85°C/85%RH 2,000h

● Recommend Application

- ☑ For high temperature / High reliability usage
- ☑ For automotive (Ex. DC-LINK)
- ☑ For power supplies (Base station)

● Product Chart

- ☑ Recommended to replace in HXC/HXE to HXF

*Lineup for high heat resistance/super low ESR (SMD type)

HXC

- 125°C Standard
- 6.8μF to 470μF
- 125°C 4,000h

Since 2016.02

HXE

- 135°C Standard
- 22μF to 470μF
- 135°C 4,000h

Since 2017.11

NEW

HXF

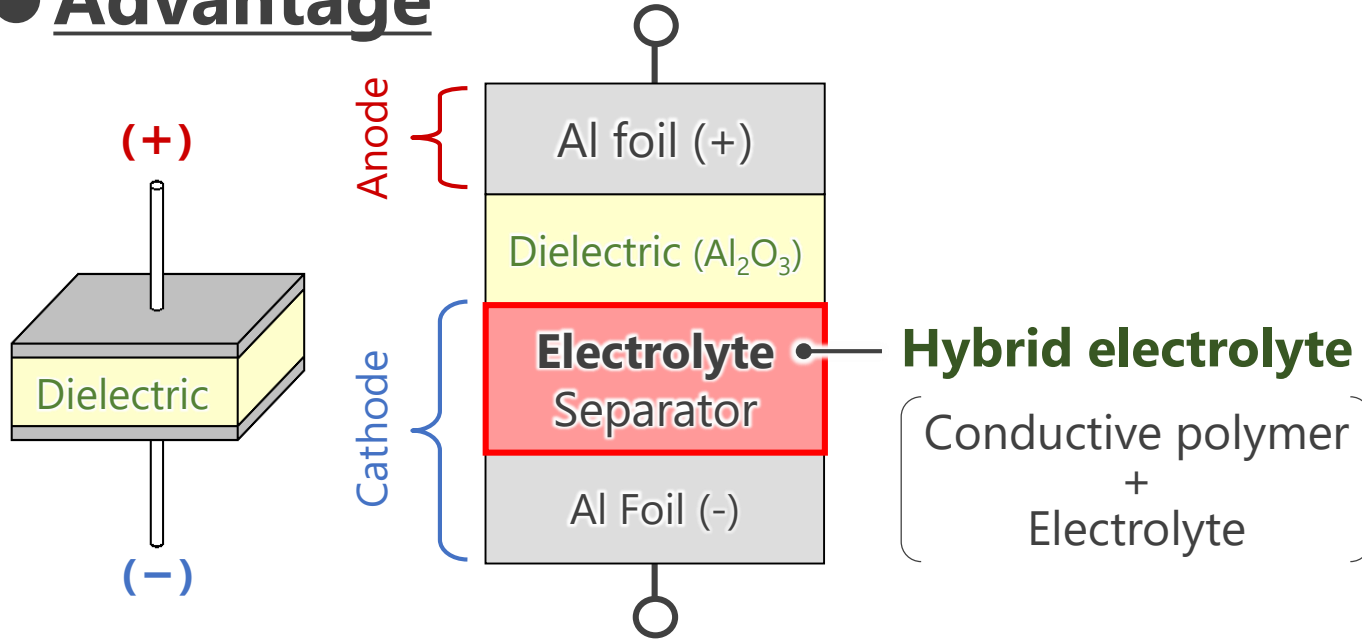
- Higher ripple current
- 33μF to 330μF
- 135°C 4,000h



*2021.07~ M/P scheduled



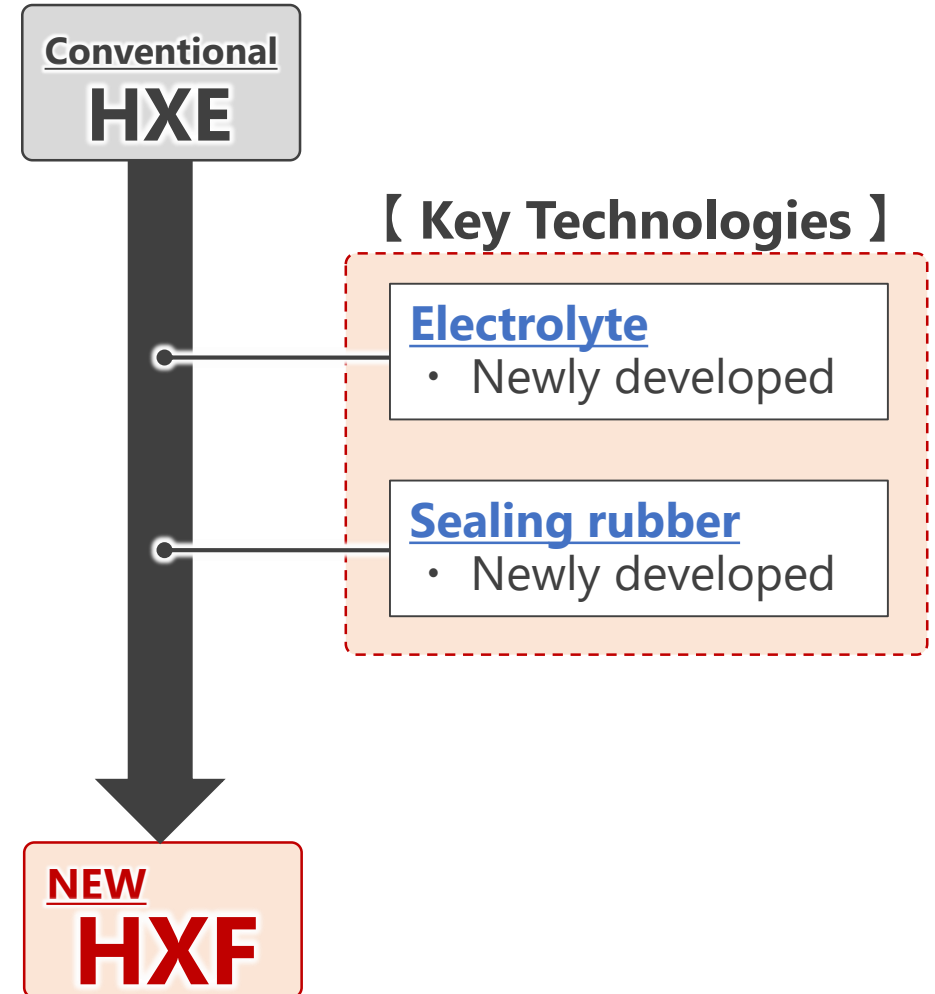
● Advantage



☑ Three advantages of HXF



- ① **Super low ESR above 25v**
- ② **Wear-out failure (Open Circuit & Safety)**
- ③ **Higher ripple current**

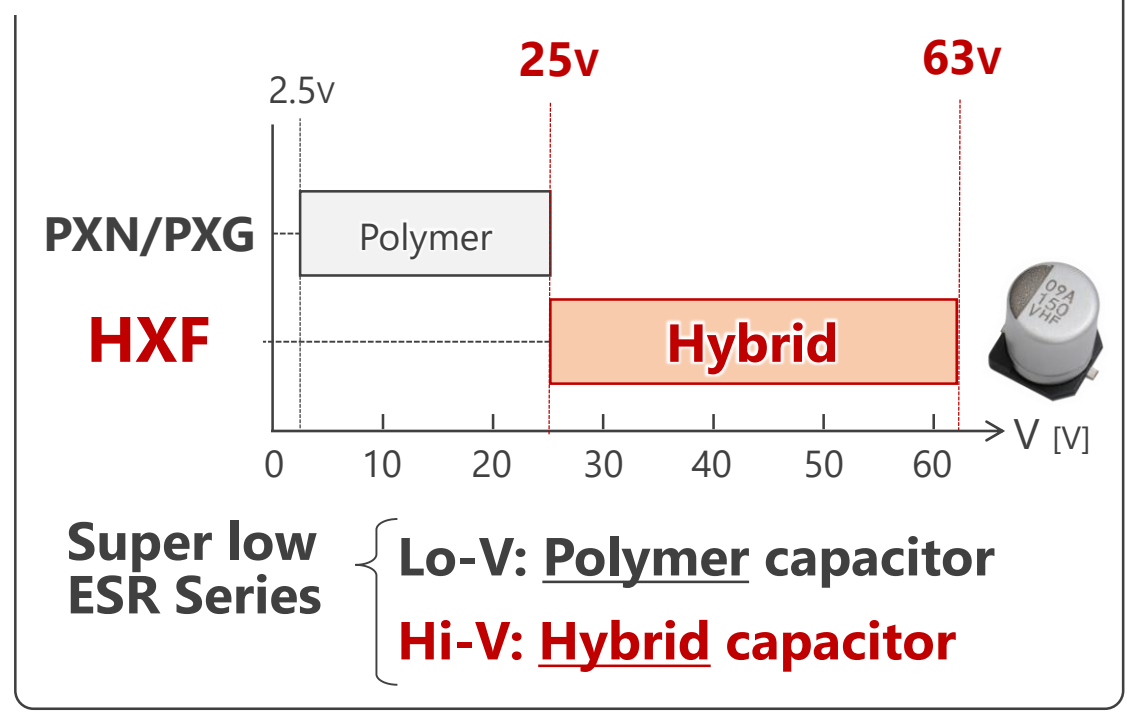


● Benefit/Evidence

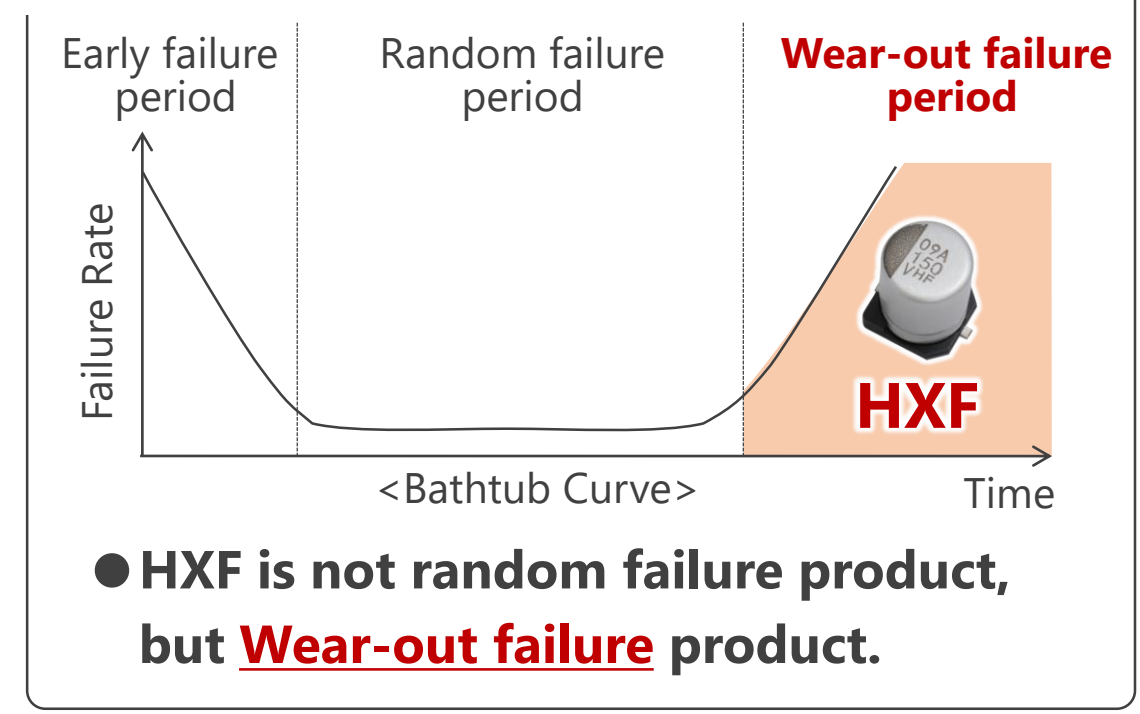
- ➔ ① Super low ESR above 25v / ② Wear-out failure (Open circuit & Safety)
- ③ Higher ripple current · · Downsizing, Reduced # of capacitors



☑ Super low ESR above 25v



☑ Wear-out failure (Safety)



● Benefit/Evidence

① Super low ESR above 25v / ② Wear-out failure (Open circuit & Safety)

➔ ③ Higher ripple current · · Downsizing, Reduced # of capacitors

