

● Feature

- ☑ Endurance: **105°C 5,000h / 10,000h** (with ripple)
- ☑ Voltage: **16V_{dc} to 80V_{dc}**
- ☑ Capacitance: 6.8uF to 560uF
- ☑ Size: $\phi 5 \times 5.8L$ to $\phi 10 \times 10L$
- ☑ Bias humidity: 85°C/85%RH 2,000h

● Recommended Application

- ☑ For High reliability usage
- ☑ For Automotive
- ☑ For power supply for Data center
- ☑ For 48v power supplies (Base station)

● Product Chart

- ☑ Recommended to replace in HXB to HXD

*Lineup for High capacitance (SMD type)

HXB

- 105°C (EOL)
- 85°C / 85%RH 1,000h
- 105°C 5,000h

Since 2013.08

2021.10
Upgrade!

HXD

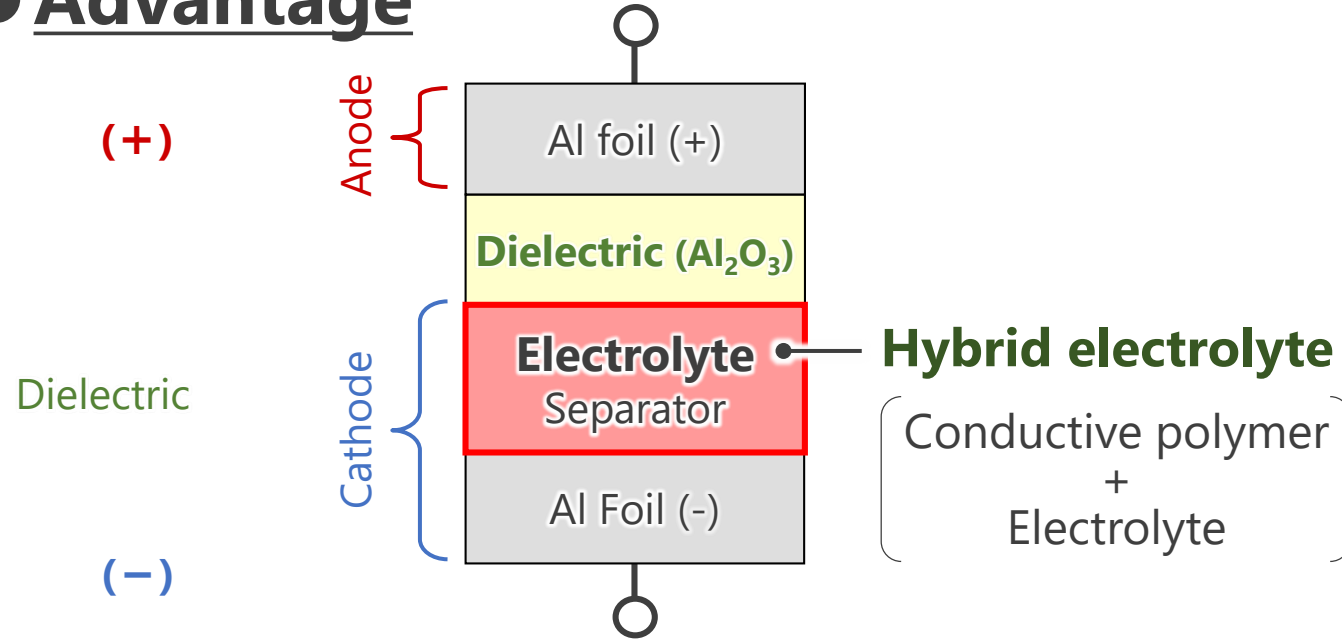
- **Expanded to 80v!!**
- **105°C Standard**
- **85°C / 85%RH 2,000h**
- **105°C 5,000h / 10,000h**



Since 2017.05



● Advantage



☑ Four advantage of HXD



- ① Super low ESR above 16v
- ② Wear-out failure (Open Circuit & Safety)
- ③ Higher capacitance
- ④ Higher ripple current

Conventional
HXB

【 Key Technologies 】

Dielectric

- Optimized thickness

Electrolyte

- Optimized Polymer and Electrolyte

HXD

2021.10

Upgrade!

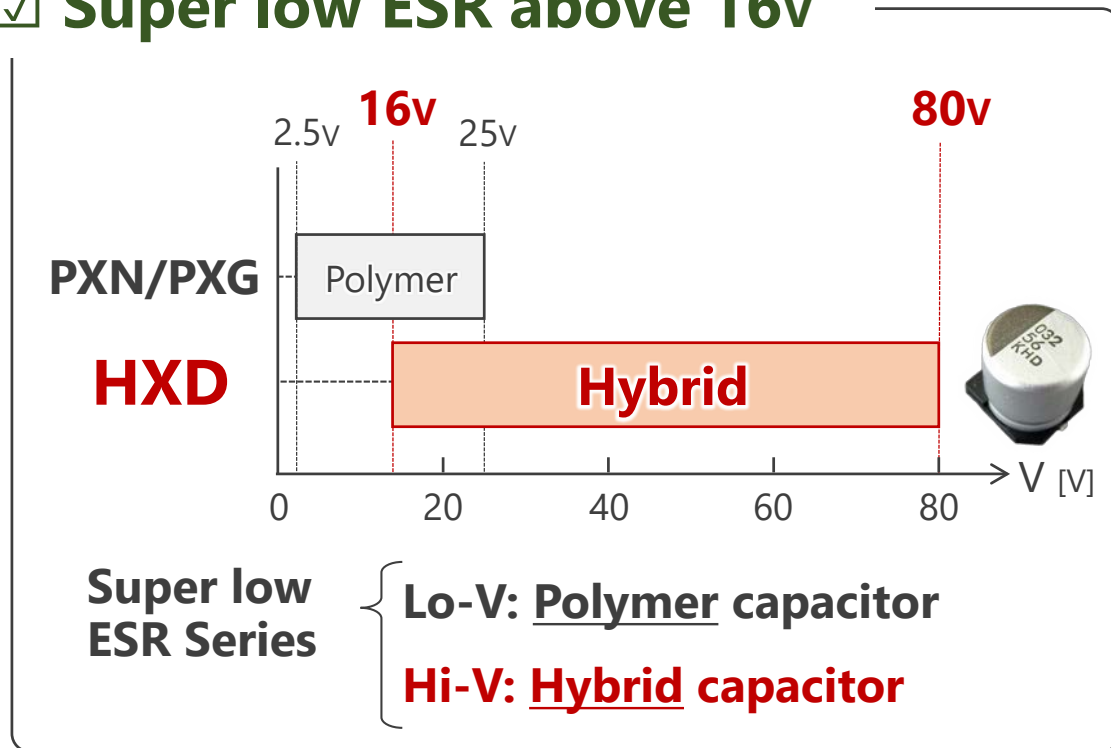
Expanded to 80v



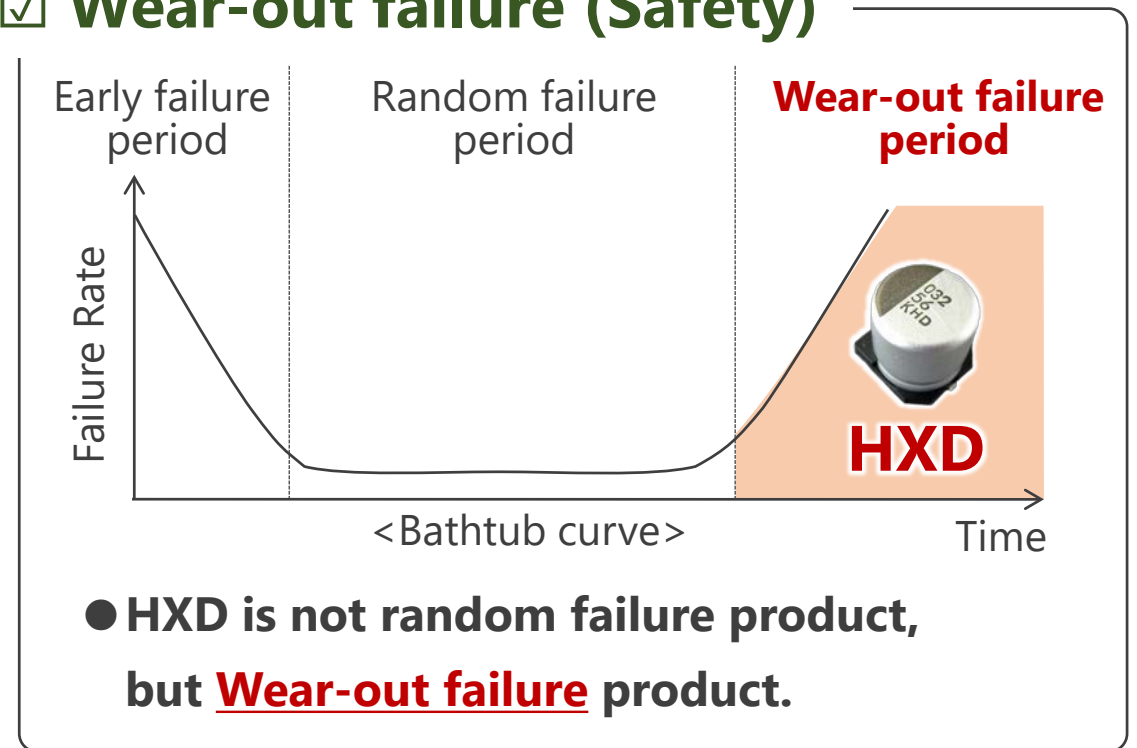
● Benefit/Evidence

- ➔ ① Super low ESR above 16v / ② Wear-out failure (Open circuit & Safety)
 ③ Higher cap. / ④ Higher ripple · · · Higher power density, Longer equipment life

☑ Super low ESR above 16v



☑ Wear-out failure (Safety)



● Benefit/Evidence

① Super low ESR above 16v / ② Wear-out failure (Open circuit & Safety)

➔ ③ Higher cap. / ④ Higher ripple · · · Higher power density, Longer equipment life

