

● Feature

- ☑ Endurance: 105°C 5,000h / 10,000h (with ripple)
- ☑ Voltage: 16V_{dc} to 80V_{dc}
- ☑ Capacitance: 6.8μF to 470μF
- ☑ Size: φ5×5.8L to φ10×10L
- ☑ Bias humidity: 85°C/85%RH 2,000h

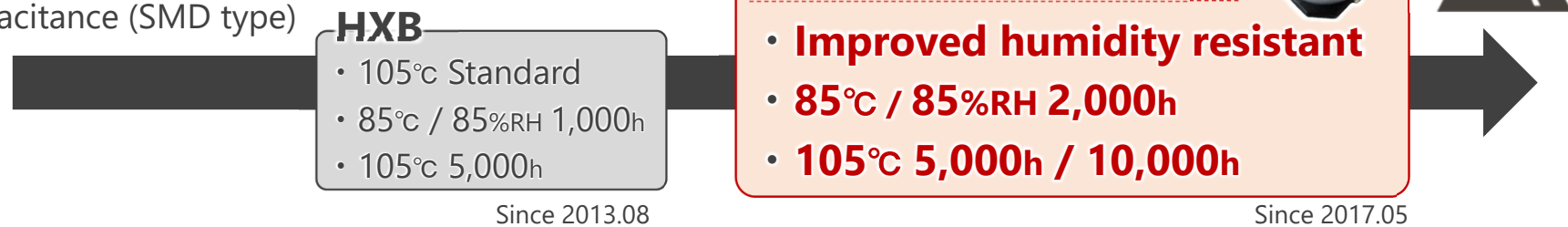
● Recommended Application

- ☑ For High reliability usage
- ☑ For Automotive (exclude 80v)
- ☑ For power supply for Data center
- ☑ For 48v power supplies (Base station)

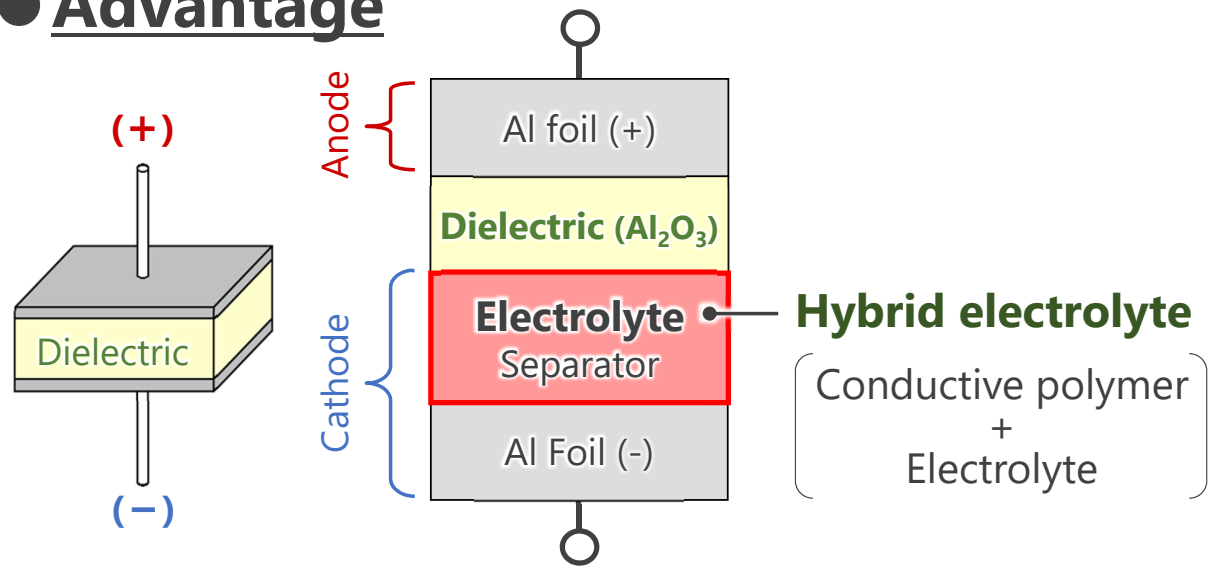
● Product Chart

- ☑ Recommended to replace in HXB to HXD

*Lineup for High capacitance (SMD type)



● **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



HXD

【 Key Technologies 】

- Dielectric**
 - Optimized thickness
- Electrolyte**
 - Optimized Polymer and Electrolyte

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Upgrade!

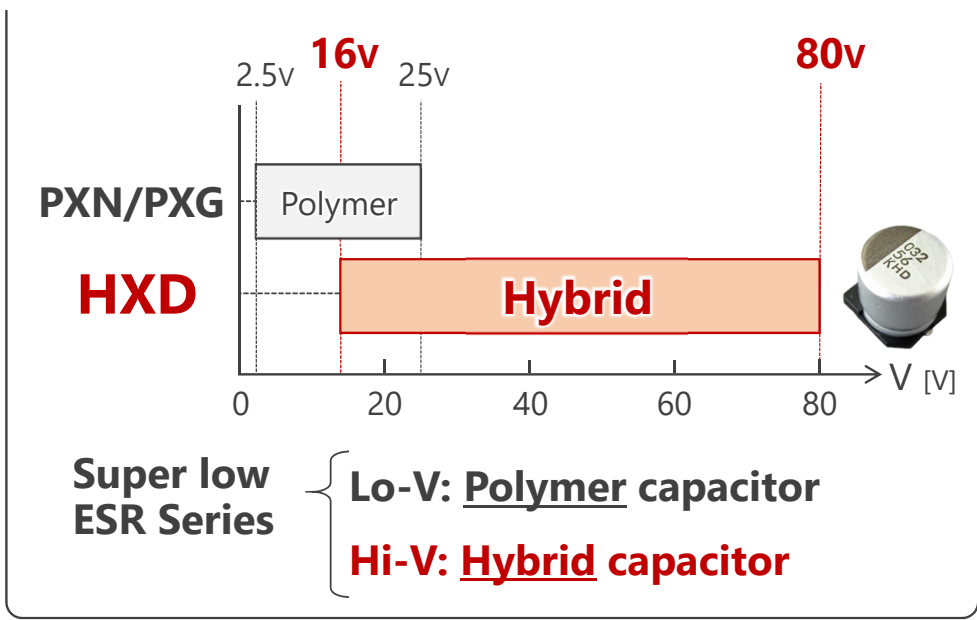
Expanded to 80v



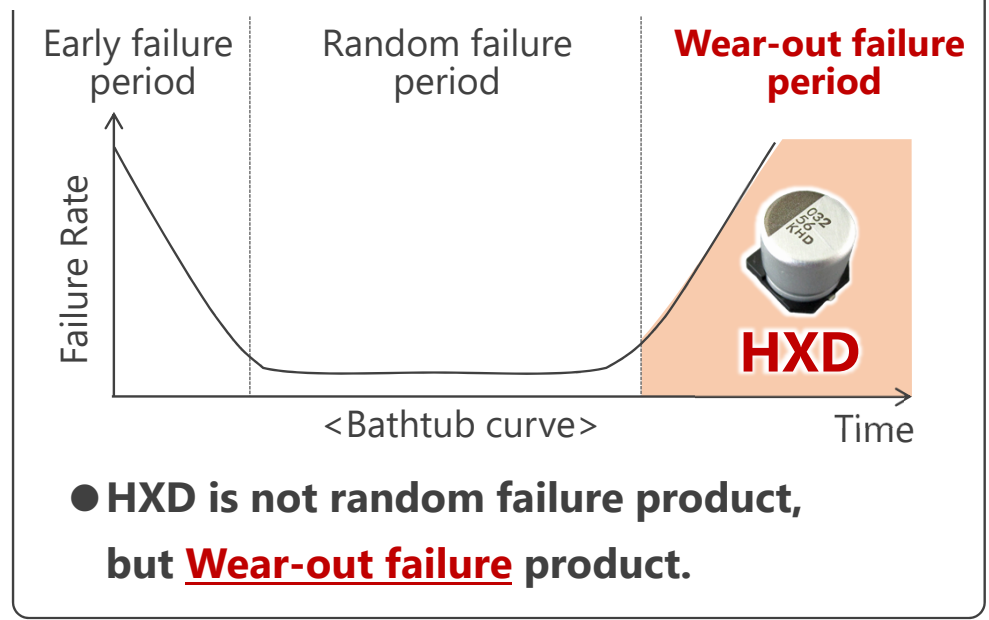
● Benefit/Evidence

- ➔ 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

