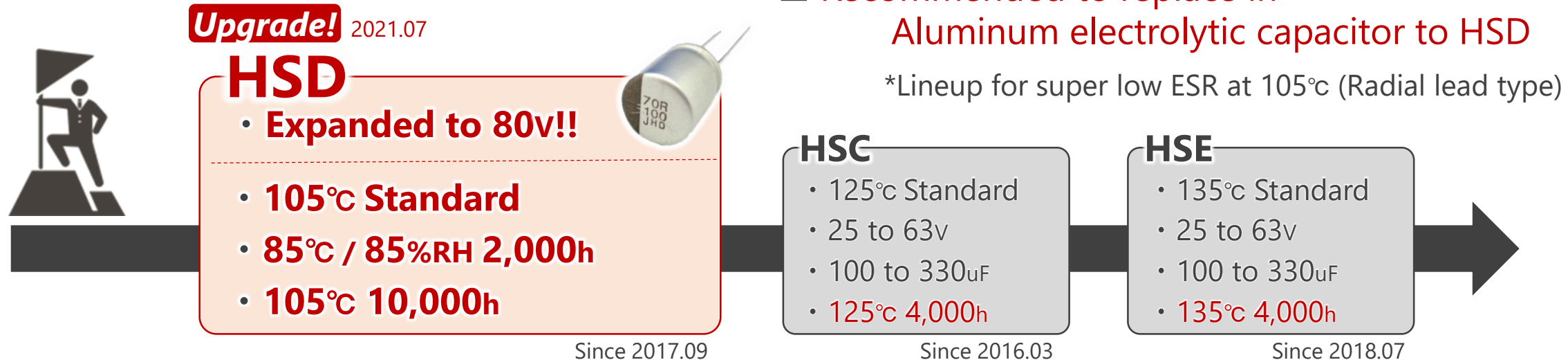


● Feature

- ☑ Endurance: **105°C 10,000h** (with ripple)
- ☑ Voltage: **25 to 80V_{dc}**
- ☑ Capacitance: 68 to 470 μ F
- ☑ Size: ϕ 10×12.5L
- ☑ Bias humidity: 85°C/85%RH 2,000h

● Product Chart



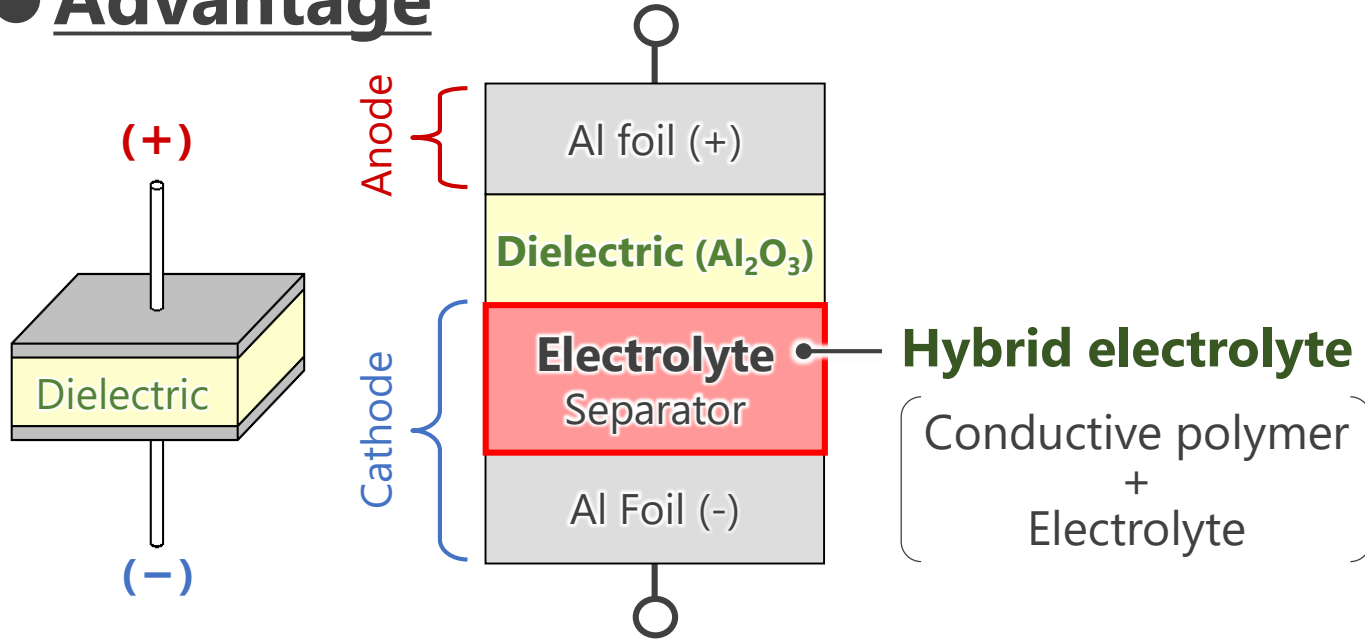
● Recommended Application

- ☑ For High reliability usage
- ☑ For Automotive
- ☑ For power supply for Data center

- ☑ **Recommended to replace in Aluminum electrolytic capacitor to HSD**



● Advantage



Conventional
HS □

【 Key Technologies 】

Dielectric

- Optimized thickness

Electrolyte

- Optimized Polymer and Electrolyte

HSD

2021.07

Upgrade!

Expanded to 80v

✓ Four advantage of HSD

- ① **Super low ESR above 25v**
- ② **Wear-out failure (Open Circuit & Safety)**
- ③ **Higher capacitance**
- ④ **Higher ripple current**

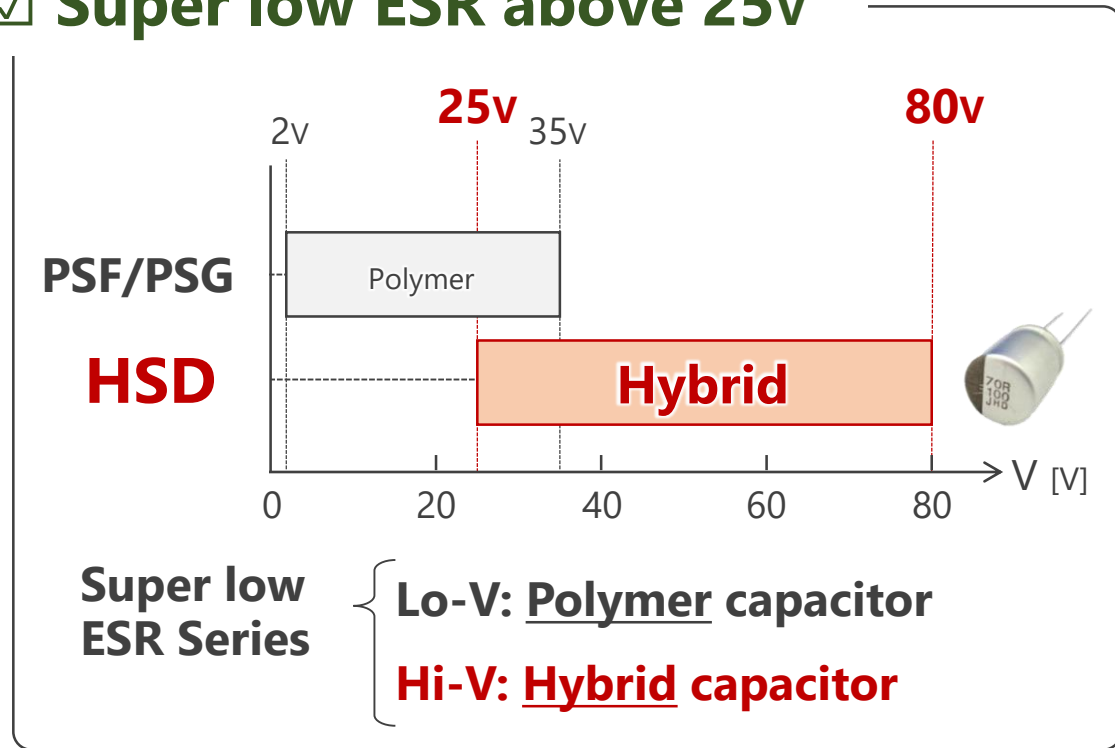


● Benefit/Evidence

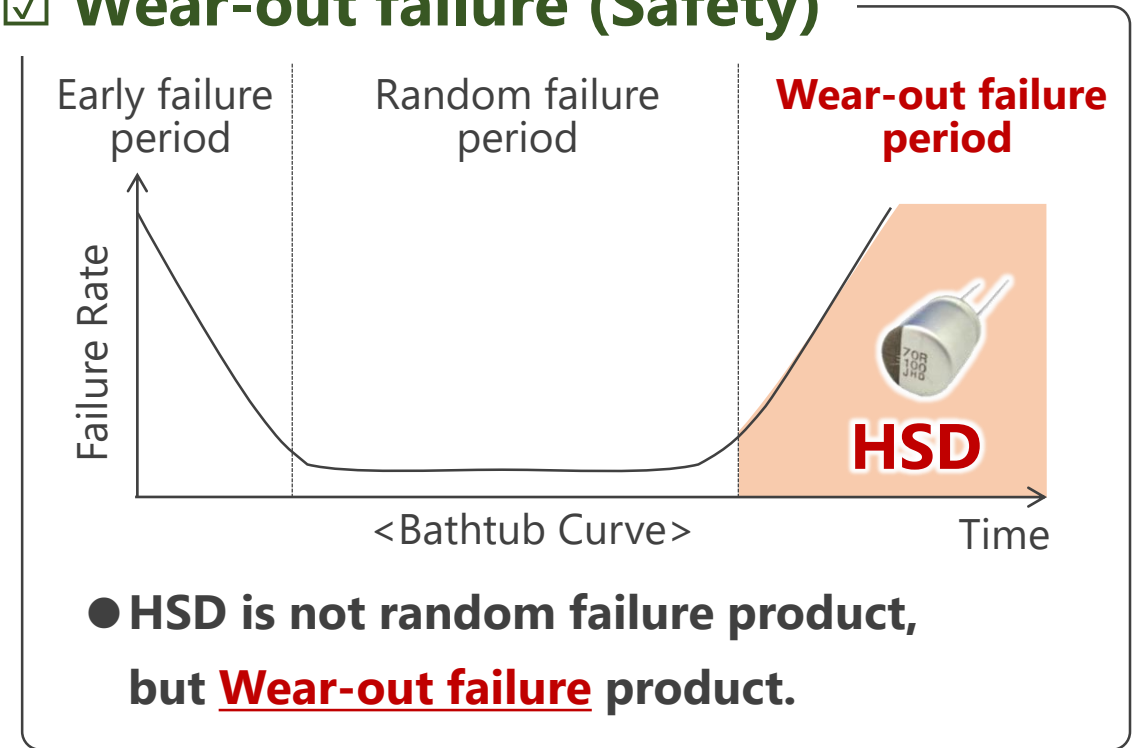
- ➔ ① Super low ESR above 25v / ② Wear-out failure (Open circuit & Safety)
- ③ Higher cap. / ④ Higher ripple · · · Higher power density, Longer equipment life



☑ Super low ESR above 25v



☑ Wear-out failure (Safety)



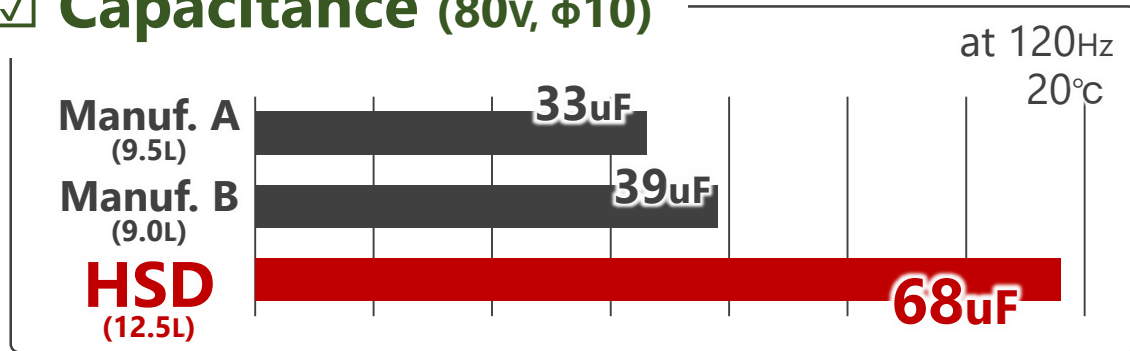
● Benefit/Evidence

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

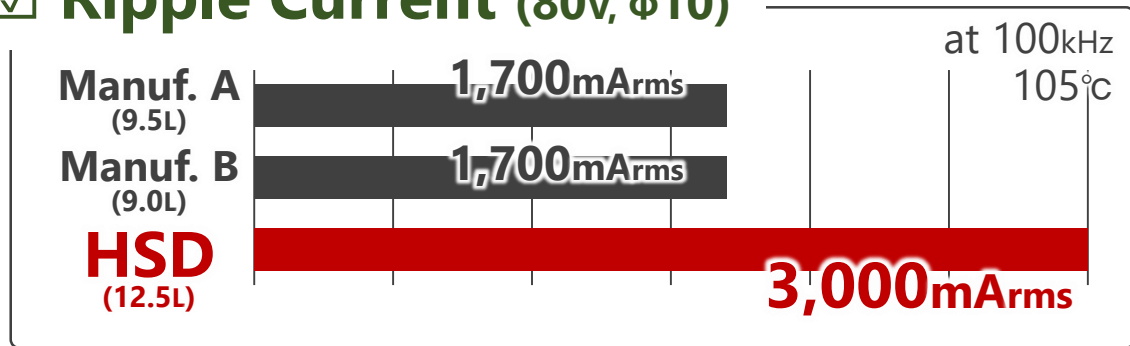
➔ ③ Higher cap. / ④ Higher ripple · · · Higher power density, Longer equipment life



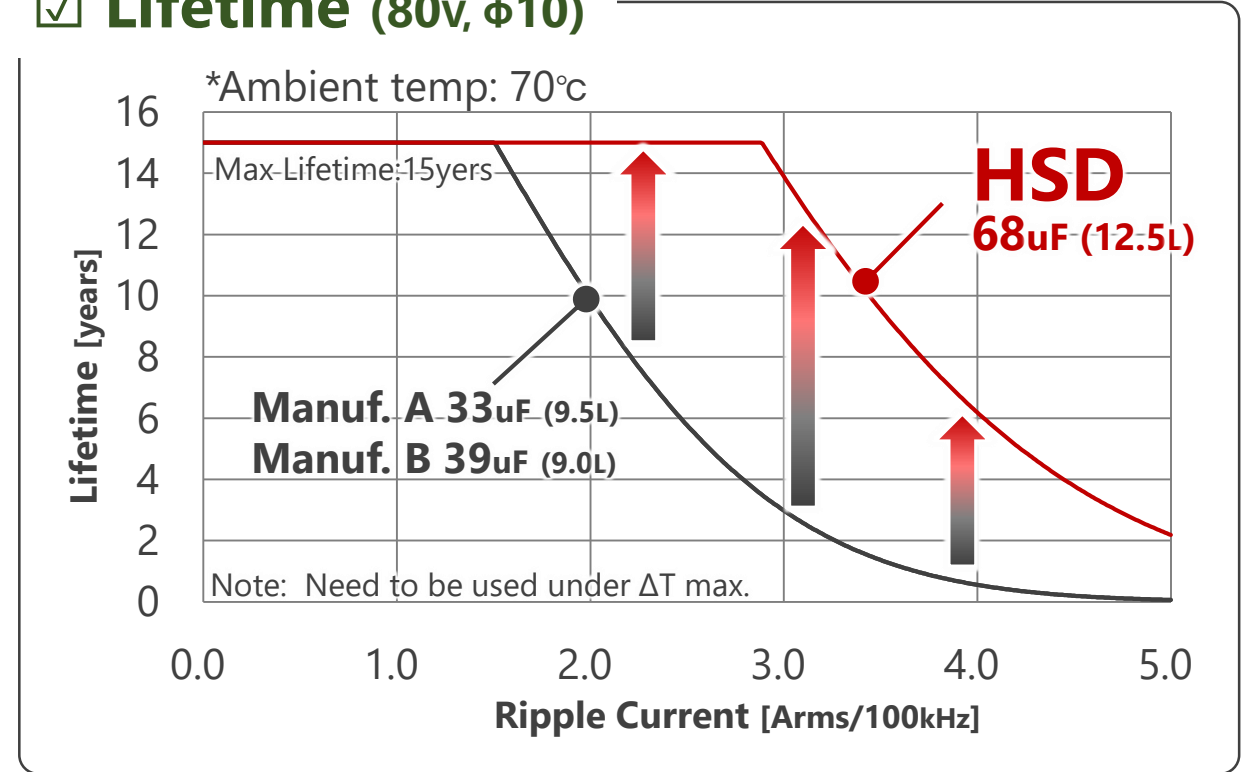
☑ Capacitance (80v, φ10)



☑ Ripple Current (80v, φ10)



☑ Lifetime (80v, φ10)



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