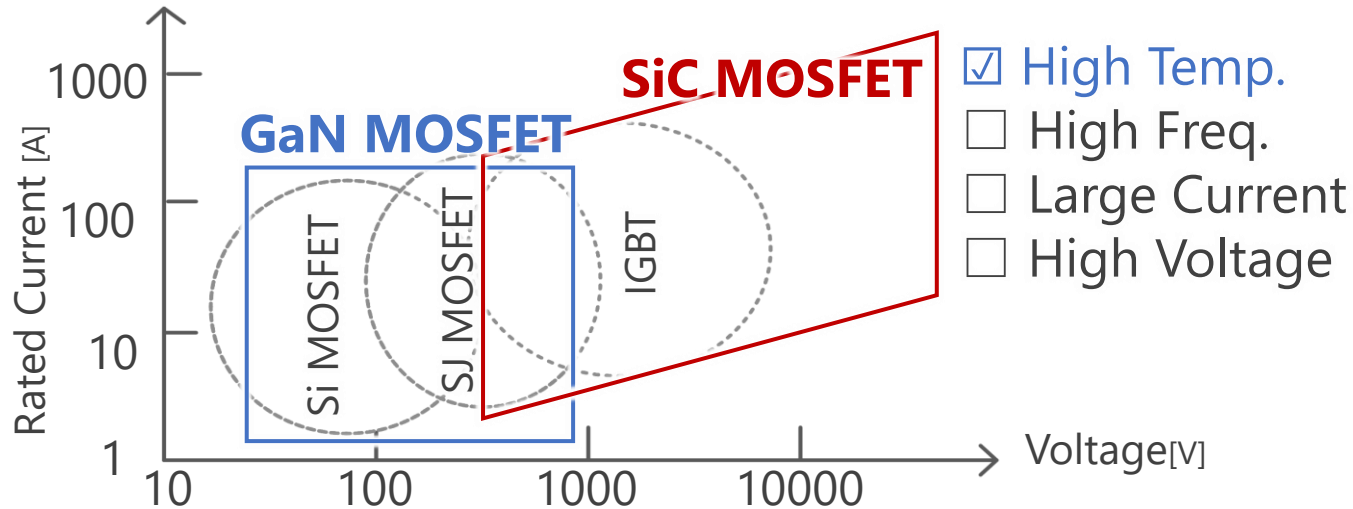


● Feature

- ✓ Endurance: **125°C 3,000h** (with ripple)
- ✓ Voltage: 400V_{dc} / 450V_{dc}
- ✓ Capacitance: 220μF to 820μF
- ✓ Size: ø30×30L to ø35×60L
- ✓ optimized for **Higher temp / Longer life**

● Recommended Application

- ✓ High temp required apps such as SiC / GaN
- ✓ 5G base station
- ✓ Fan-less power supply
- ✓ Power conditioner for Solar
- ✓ New proposal for high temperature environment.



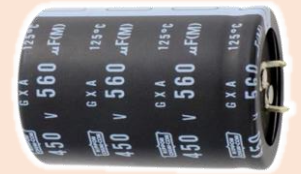
GXA — New Concept Product !!

125°C rating (Snap-in)

Optimized for higher temp. / longer life

Derating ↓

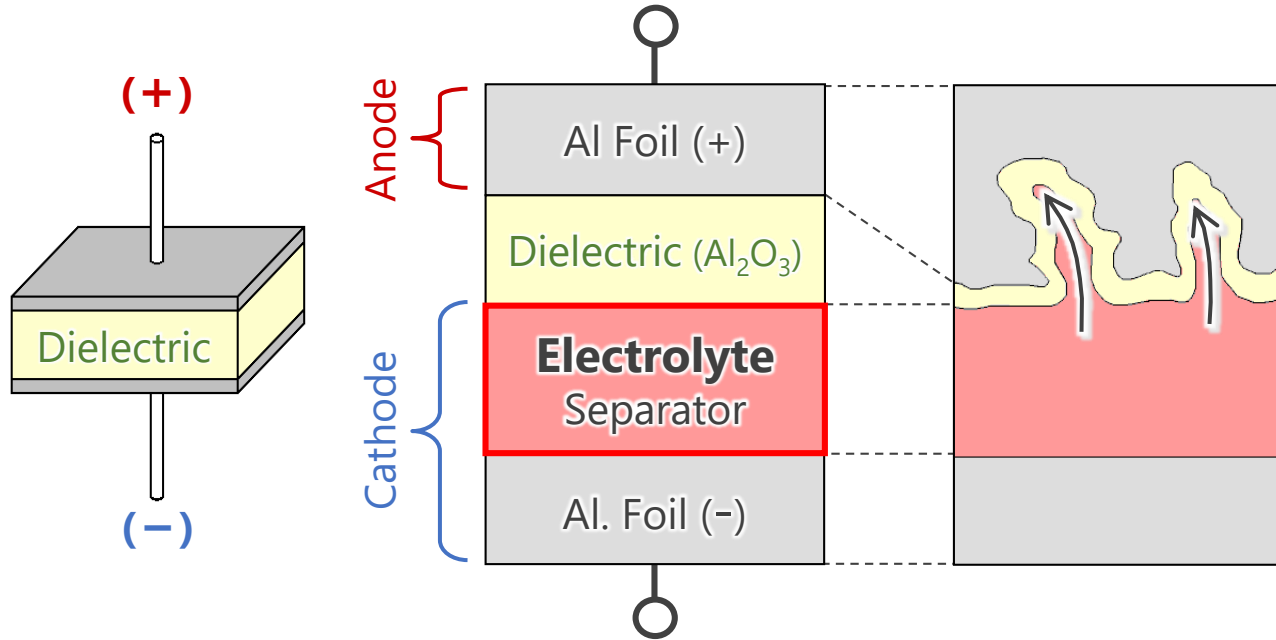
- 125°C 3,000h**
- 115°C 6,000h equiv.**
- 105°C 12,000h equiv.**



Since 2019.08

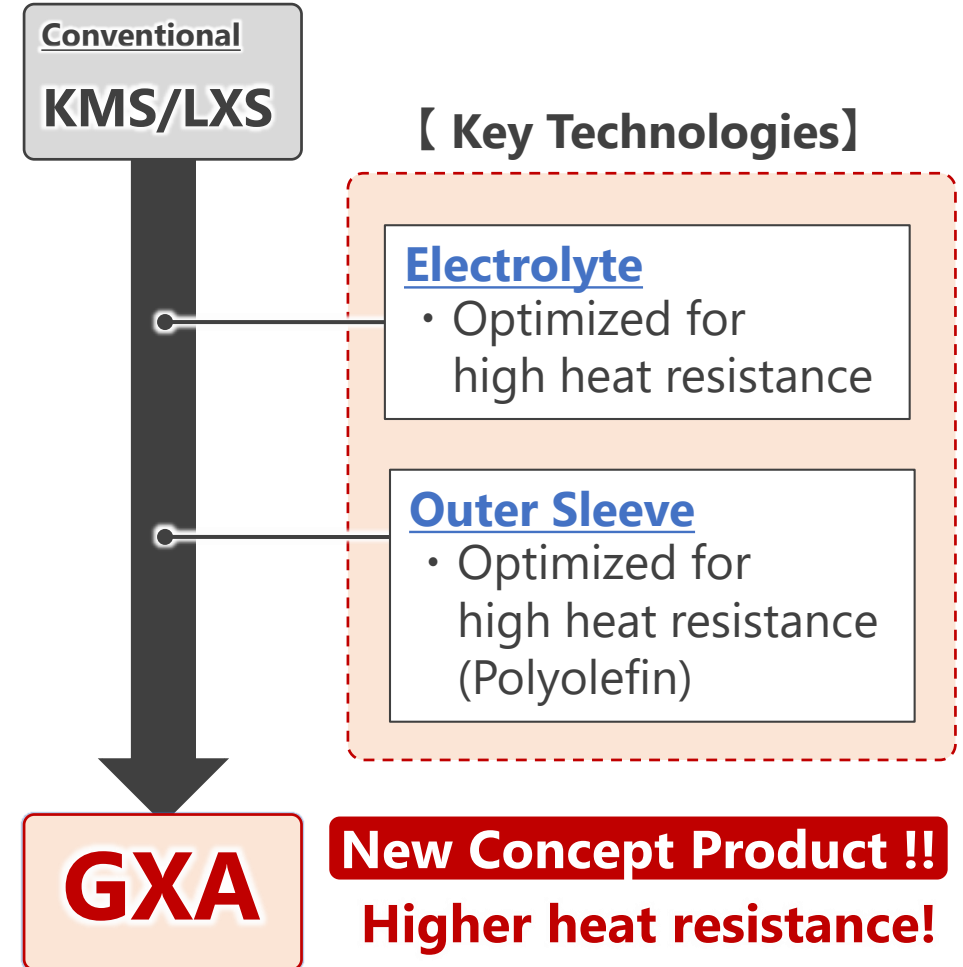


● Advantage



✓ Two advantages of GXA

- 
- ① Longer life
 - ② Higher heat resistance

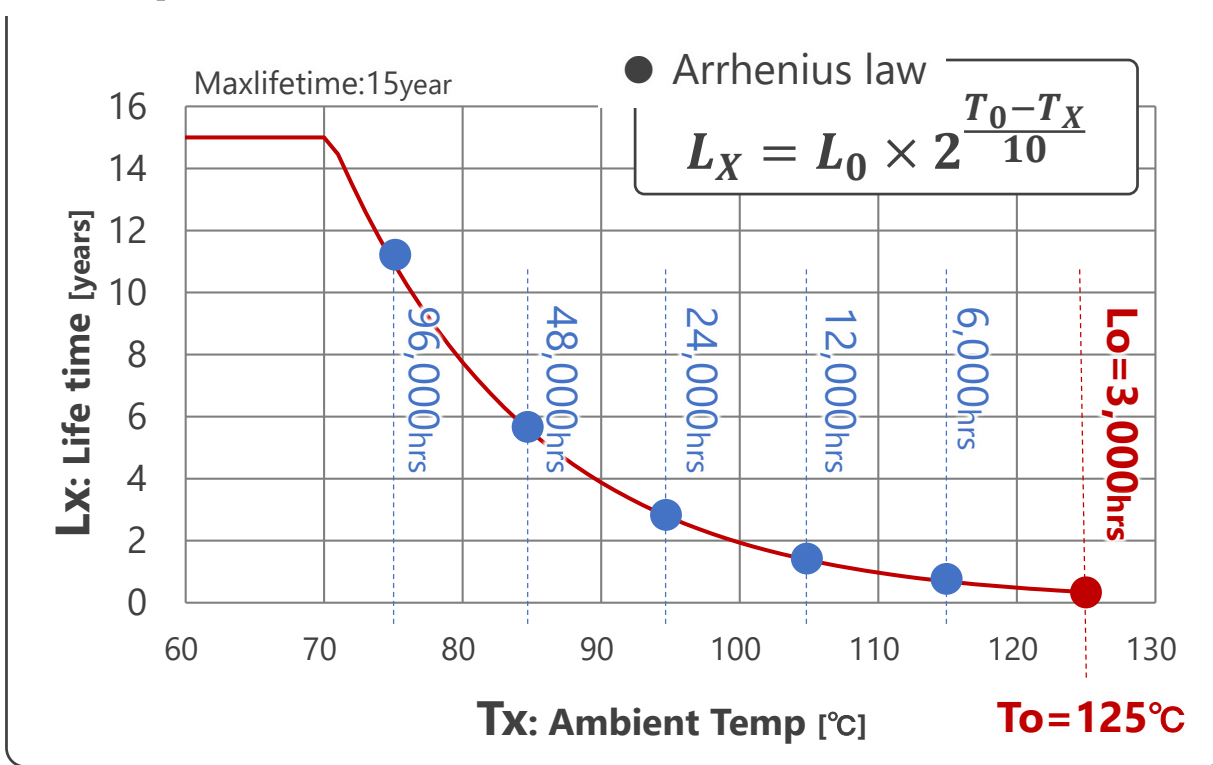


● Benefit/Evidence

➔ ① Longer life . . . Longer equipment life

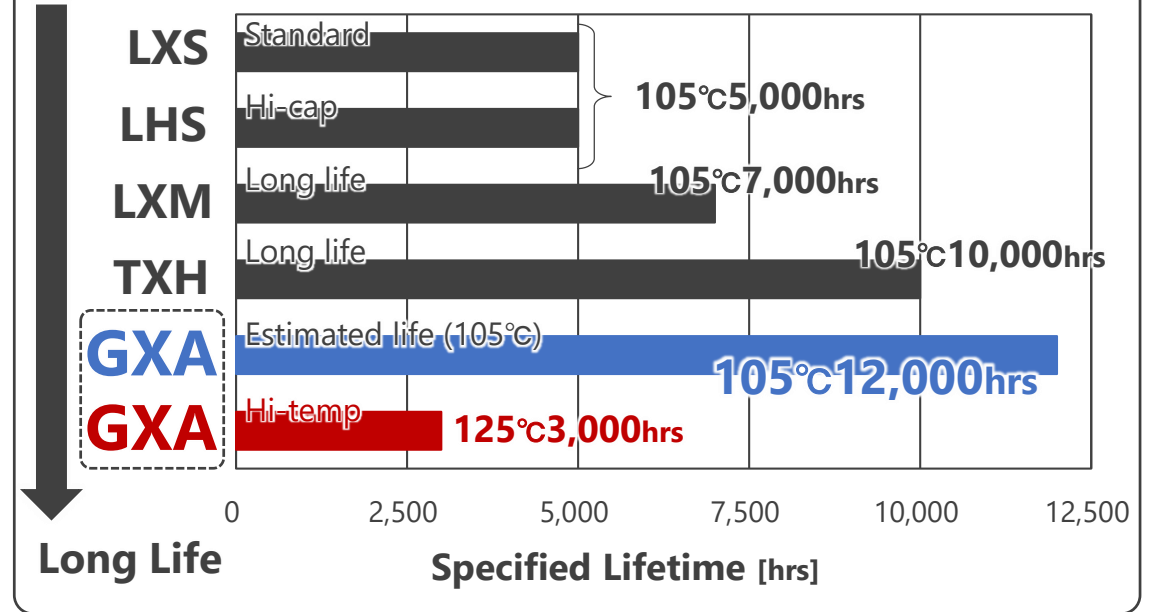
② Higher heat resistance . . . Equipment downsizing, Low height, Reduce # of capacitor

☑ Temperature acceleration from 125°C



☑ Required endurance for base station

Requirement: $\geq 105^\circ\text{C} 5,000\text{hrs}$

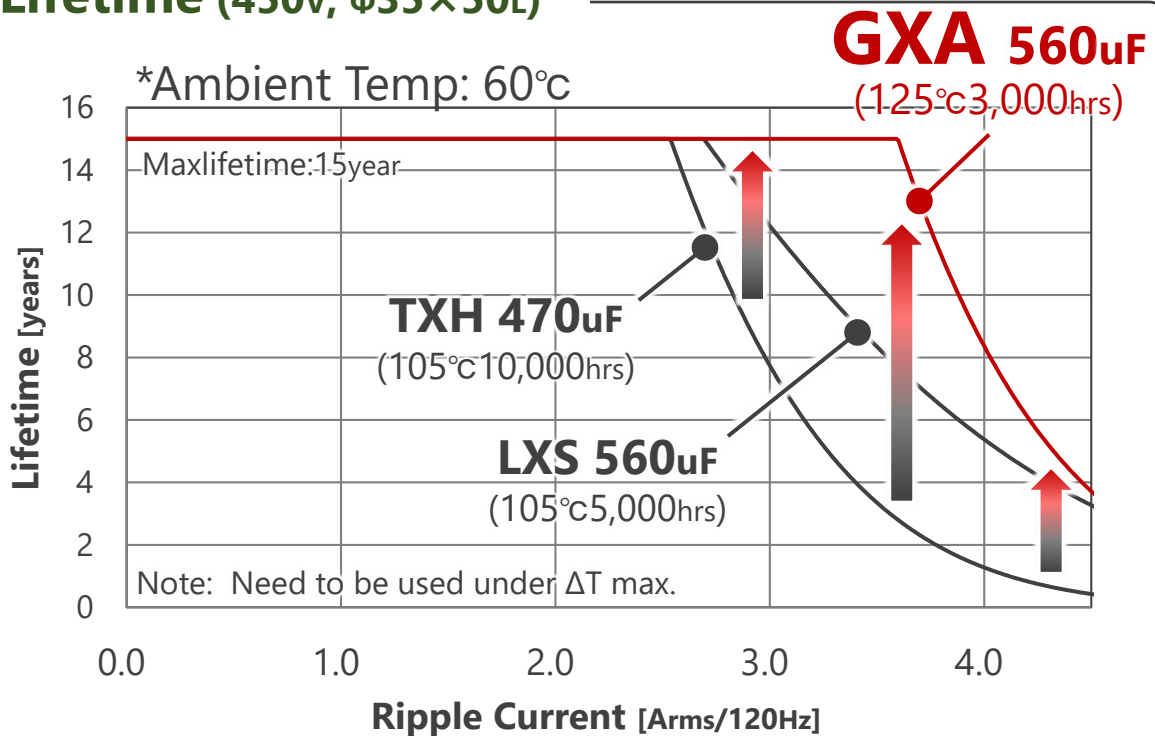


Benefit/Evidence

➔ ① Longer life . . . Longer equipment life

➔ ② Higher heat resistance . . . Equipment downsizing, Low height, Reduce # of capacitor

☑ Lifetime (450v, $\phi 35 \times 50L$)



☑ Reduced number (Fixed ripple current 35Arms)

