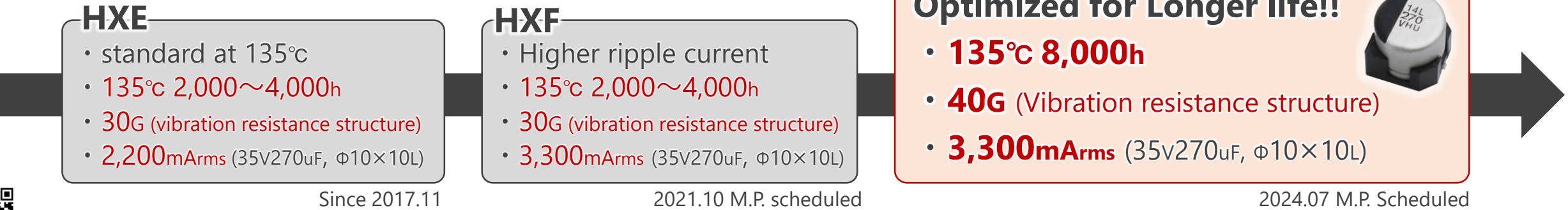


● Feature

- ✓ Endurance: 135℃ **8,000h** (with ripple)
- ✓ Voltage: 25V_{dc} to 63V_{dc}
- ✓ Capacitance: 82uF to 330uF
- ✓ Size: **φ10×10L**
- ✓ Vibration: **40G** (with vibration resistance structure)

● Product Chart

- ✓ **Recommended to replace in HXE/HXF to HXU**
- *Lineup for high temp / longer life (Hybrid SMD)

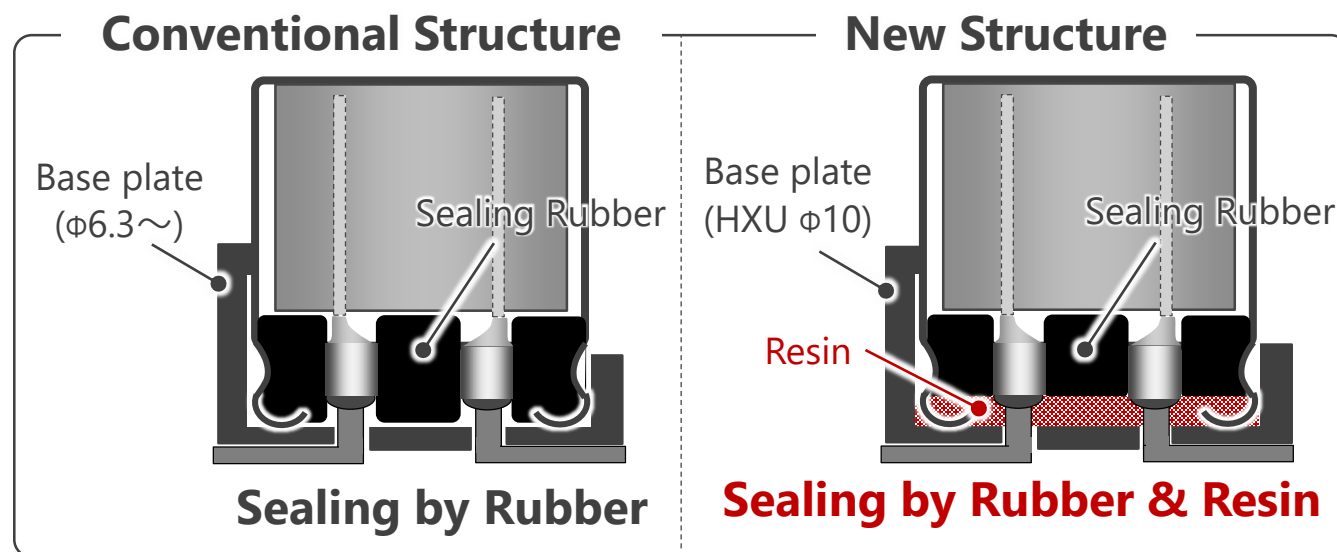


● Recommend Application

- ✓ Automotive ECUs
- ✓ Power supply for infrastructure
- ✓ New proposal to high temperature environment



● Advantage



☑ Three advantages from conventional series



- ① Longer life
- ② Higher vibration resistance
- ③ High temperature reflow

Conventional
HXF

【Key Technologies】

Sealing by resin

- Decreasing electrolyte evaporation
- Improved reflow resistance

New sealing method

- Improved vibration resistance

Fixed base plate
and case by resin



Patent pending

Under Development

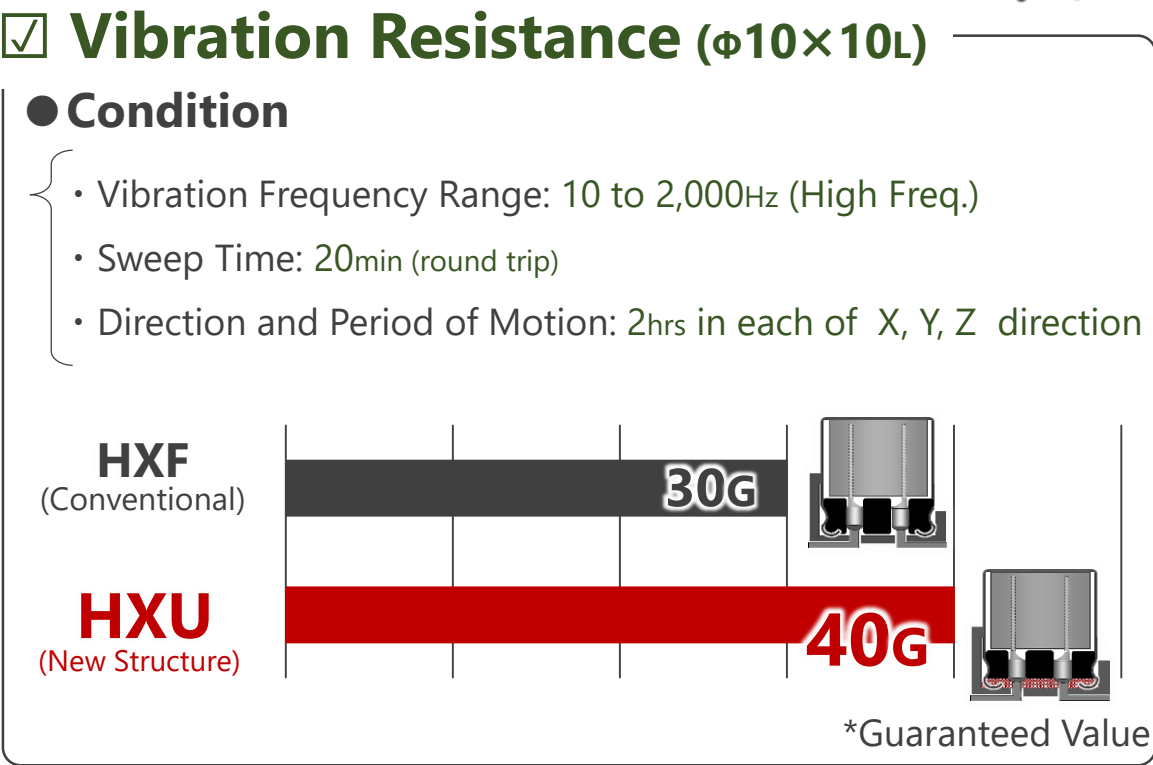
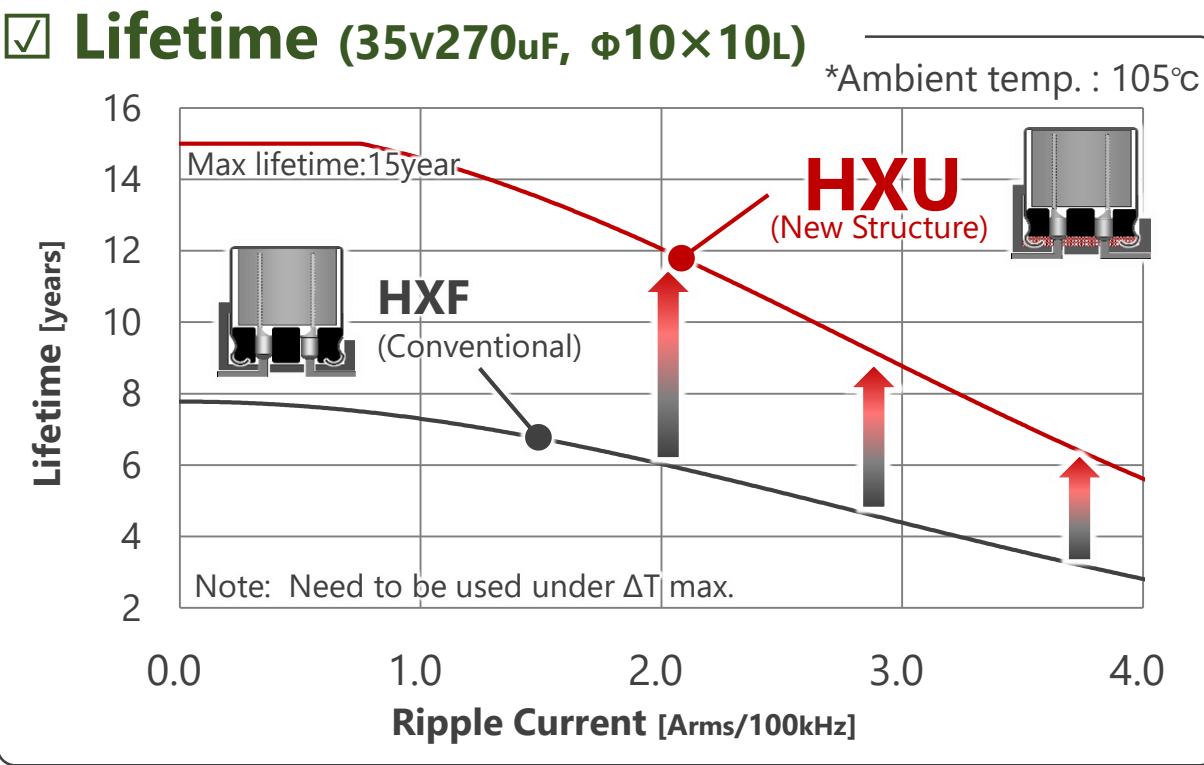
HXU

Optimized for longer life!!

2024.07 M.P. Scheduled

● Benefit/Evidence

- ➡ ① **Longer life** Improved endurance for Automotive ECUs and 5G base station
- ➡ ② **Higher vibration resistance** . . Guaranteed 40G
- ③ **High temperature reflow** . . . Higher heat resistance during reflow than conventional series



● Benefit/Evidence

- ① Longer life Improved endurance for Automotive ECUs and 5G base station
- ② Higher vibration resistance . . . Guaranteed 40G
- ➡ ③ High temperature reflow . . . Higher heat resistance during reflow than conventional



☑ **Comparison by reflow profile (35V, Φ10×10L)**

