Upgrade!!

KHF Series

Radial Lead Type

Aluminum Electrolytic Capacitor

Smoothing input current
High voltage range

CHEMI-CON

No.U21C080566A

● Feature

- ☑ Endurance: 105℃ 3,000h (With Ripple)
- ☑ Voltage: 400Vdc / 420Vdc / 450Vdc
- ☑ Capacitance: 18uF to 270uF
- ☑ Size Φ10×20L to Φ18×50L
- ☑ Higher capacitance than KXE series

● Recommended Application

- ☑ For general power supply (Input filtering)
- ☑ For AC / DC adaptor
- ☑ Power supply for TV / PC

● Product Chart

☑ Recommended to replace from PAG/KHE to KHF

*Line up for 105℃ Downsizing (400V and more ,Radial lead type)

KMQ
- 105℃ standard
- 68uF (450V, Φ18×35.5L)
- 105℃ 1,000～2,000h

Since 2001.06

PAG
- Downsizing
- 82uF (450V, Φ18×30L)
- 105℃ 2,000h

Since 2003.02

KHE
- Downsizing
- 120uF (450V, Φ18×31.5L)
- 105℃ 2,000h

Since 2012.06

2023.03
Upgrade!

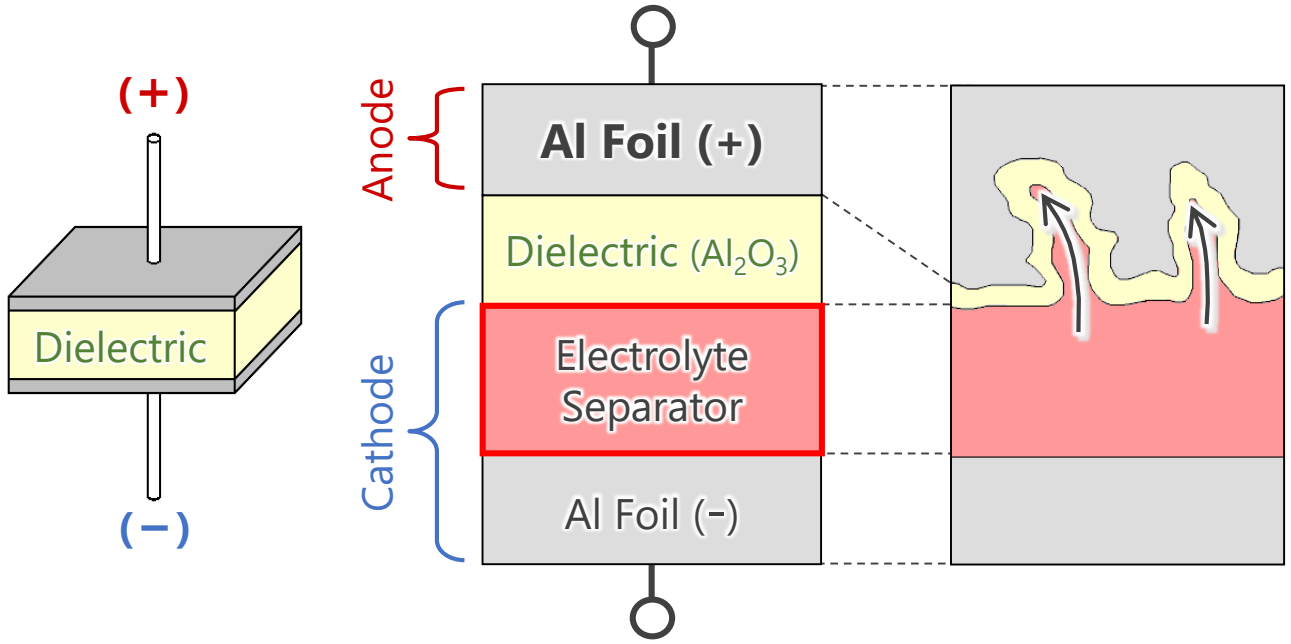
KHF

- **Added new case size!! (20L to 25L, 40L to 50L)**
- **Downsizing/Longer life**
- **150uF** (450V, Φ18×31.5L)
- **105℃ 3,000h**

Since 2020.09

URL_ https://www.chemi-con.co.jp/

● Advantage



☑ Three advantages from KHE to KHF

①Downsizing
②Higher Capacitance / Ripple current
③Longer Life・・・ (2,000h⇒3,000h)

Conventional KHE

【Key Technologies】

Anode Foil
・Increased mechanical strength
(High density winding)

High mechanical strength Anode foil

Patented

Sealing rubber
・Relaxation of internal pressure
(Increased permeability)

KHF

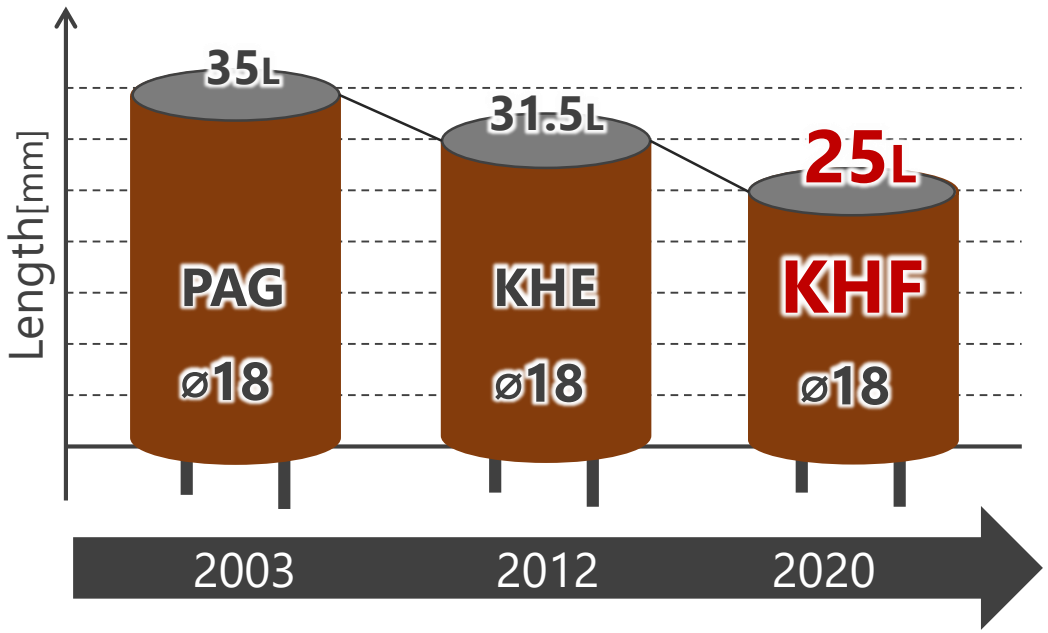
2023.03
Upgrade!
Added new case size!!
(20L to 25L, 40L to 50L)

● Benefit / Evidence

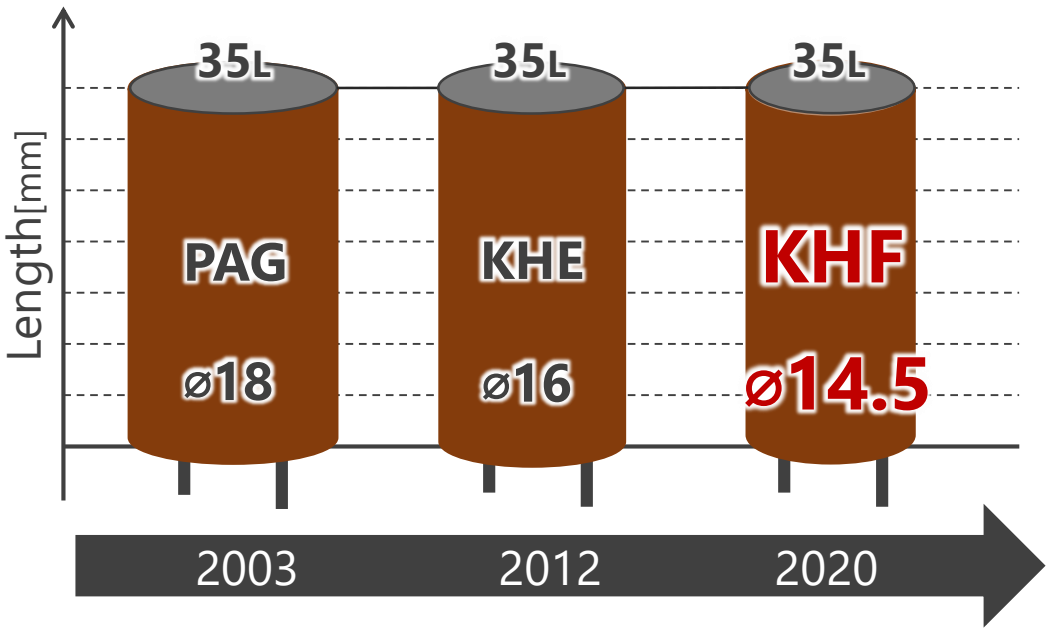
➡ ①Downsizing・・・Equipment downsizing, Low height, Light weight

②Higher cap/ripple ③Longer Life・・・Longer equipment life, Reduced # of capacitors

☑ Comparison at height (420V120uF, ø18)



☑ Comparison at diameter (450V100uF, 35L)

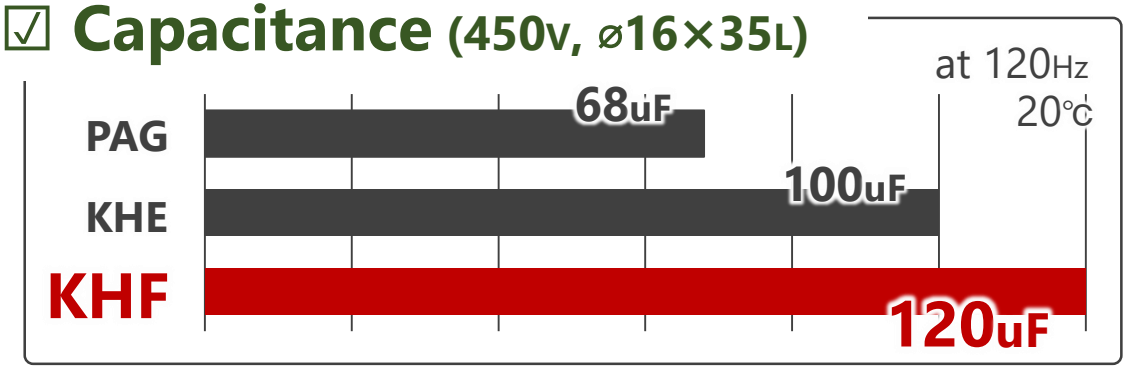


● Benefit / Evidence

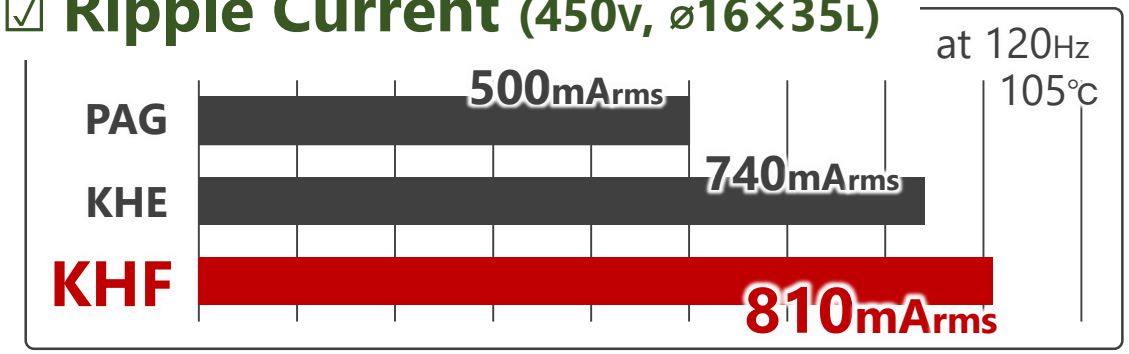
①Downsizing・・・Equipment downsizing, Low height, Light weight

➡ ②Higher cap/ripple ③Longer Life・・・Longer equipment life, Reduced # of capacitors

☑ Capacitance (450V, ⌀16×35L)



☑ Ripple Current (450V, ⌀16×35L)



☑ Lifetime (450V, ⌀16×35L)