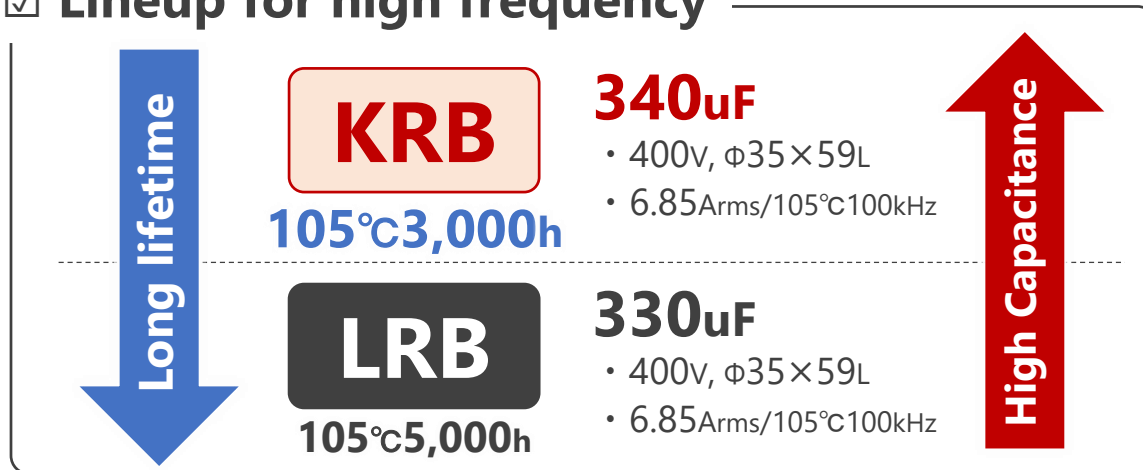


● Feature

- ✓ Endurance: 105°C 3,000h (with ripple)
- ✓ Rated voltage: 400V_{dc} / 420V_{dc} / 450V_{dc}
- ✓ Rated capacitance: 90 to 340μF
- ✓ Case Size: φ30×35L to φ35×59L
- ✓ Stable capacitance at high frequency
- ✓ Low ESR / Higher ripple current in wide frequency range

✓ Lineup for high frequency



● Recommended Application

- ✓ Smoothing ripple current in high frequency
- ✓ Application that do not require low freq. capacitance
- ✓ Recommended to replacing film-capacitor to KRB

NEW

KRB — New Concept Product !!

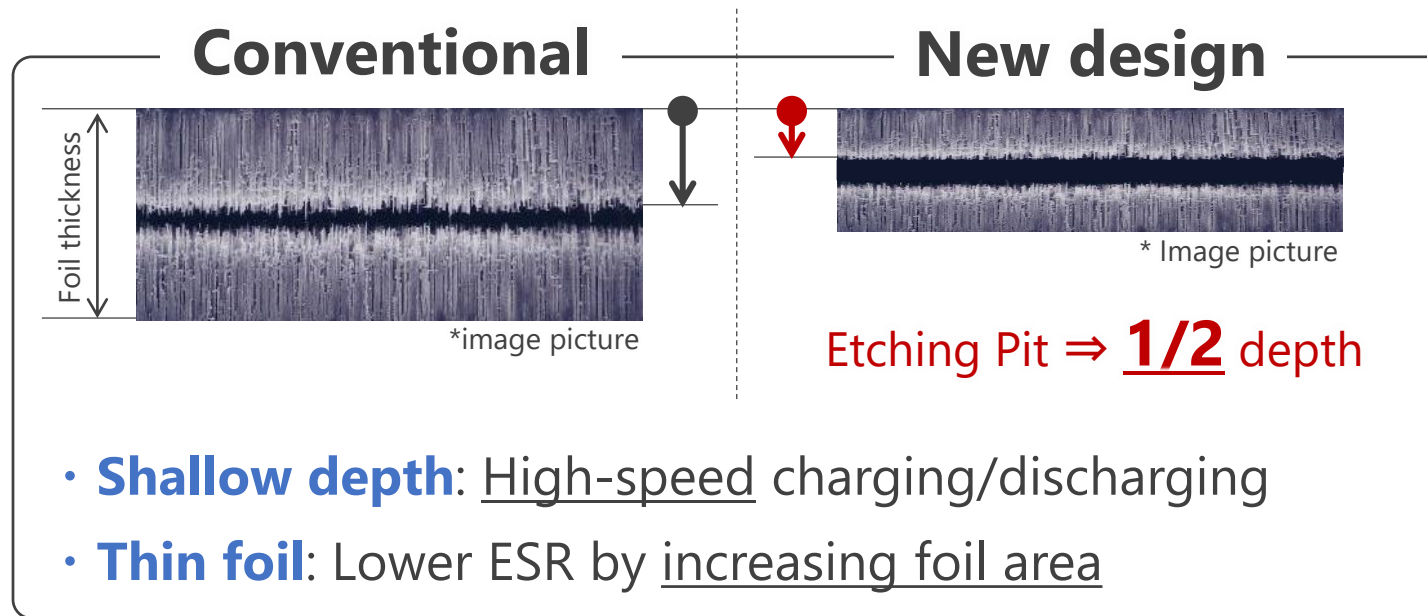
- 105°C 3,000h
- For high frequency
 - Higher capacitance
 - High ripple current
 - Low ESR



Since 2022.10



● Advantage



【Key Technologies】

Al foil

- Newly designed anode foil etching pit

Anode foil for high freq.

Patented

✓ Three advantages of KRB



- ① **Stable capacitance** (High frequency range)
- ② **Low ESR** (Wide frequency range)
- ③ **Higher ripple current** (Wide frequency range)

NEW
KRB

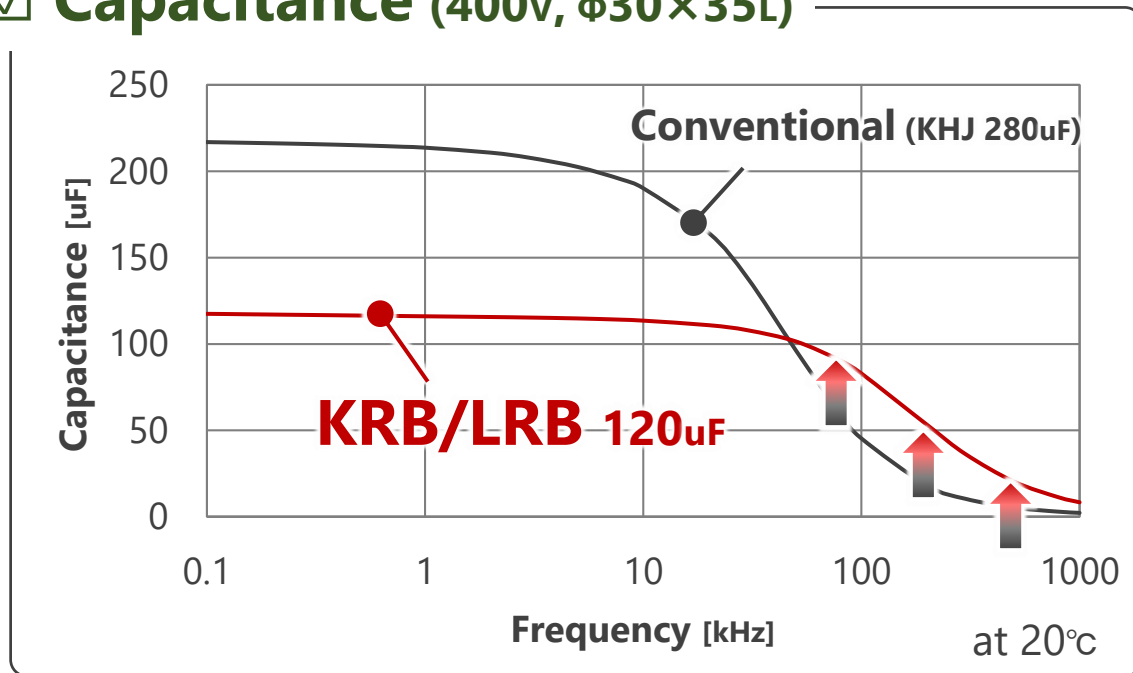
New Concept Product !!
Specialized high frequency
Replace Film capacitors

● **Benefit/Evidence**

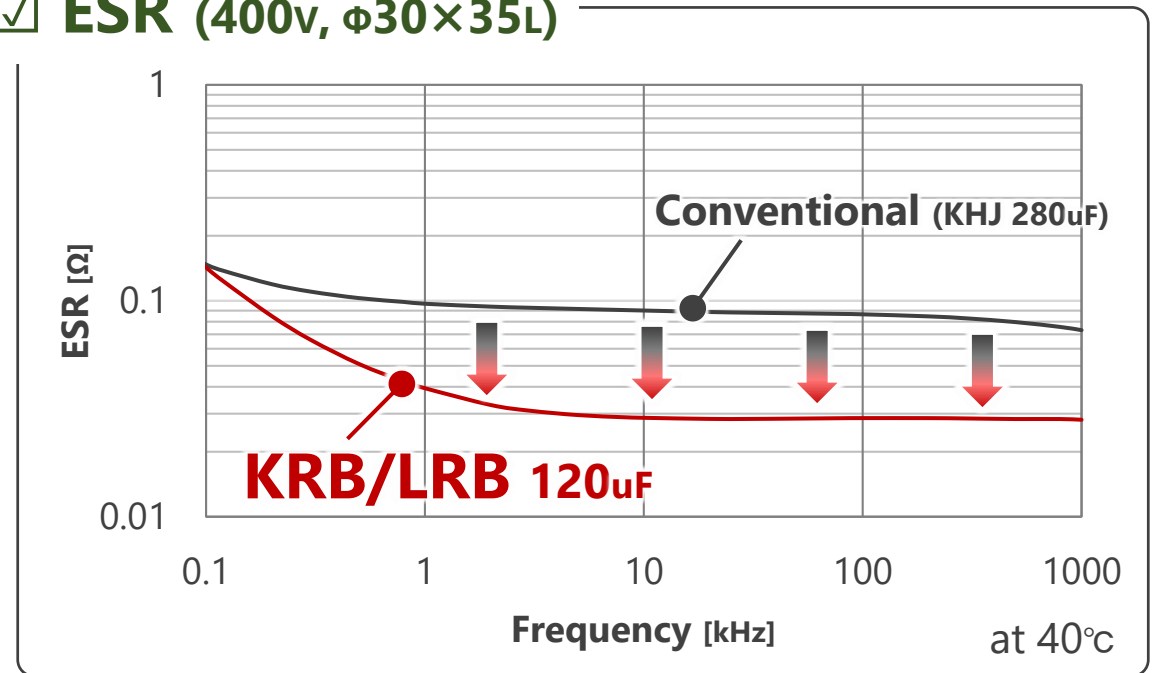
- ➔ ① **Stable capacitance (High frequency range)**
- ➔ ② **Low ESR (Wide frequency range)** **Meet higher frequency design**
- ③ **Higher ripple current (Wide frequency range)** . . **Equipment downsizing, Reduced # of capacitors**



☑ **Capacitance (400V, φ30×35L)**



☑ **ESR (400V, φ30×35L)**



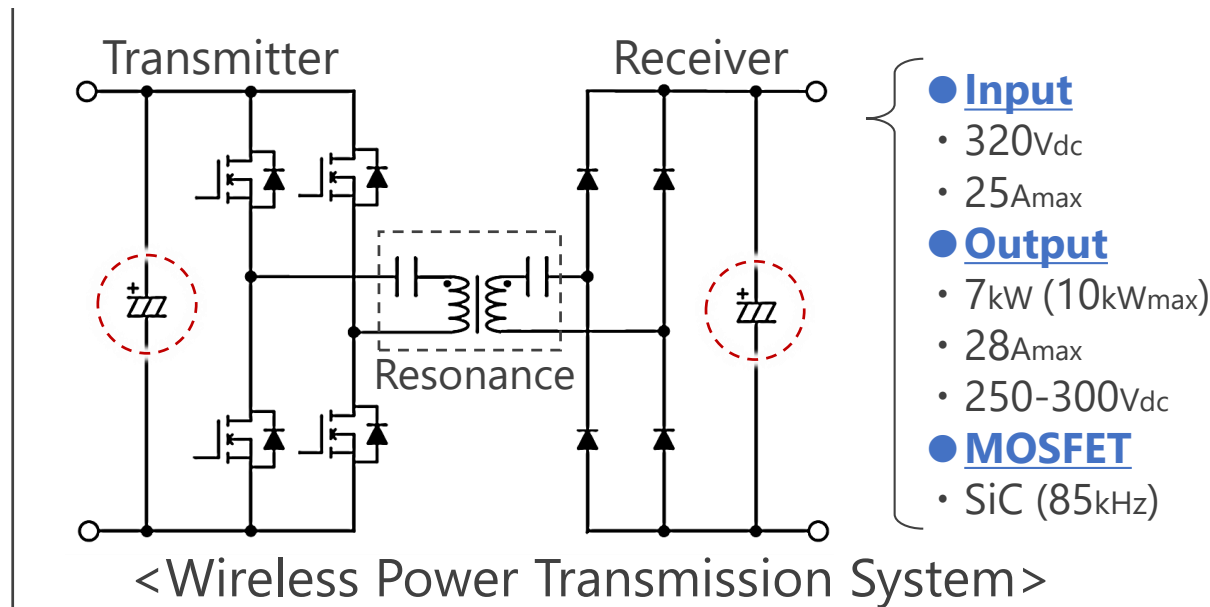


● Benefit/Evidence

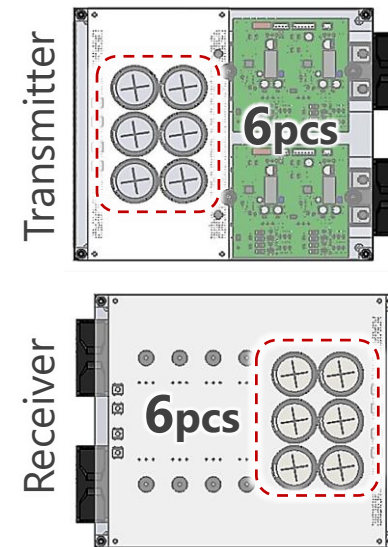
- ① Stable capacitance (High frequency range)
- ② Low ESR (Wide frequency range) Meet higher frequency design

➔ ③ **Higher ripple current (Wide frequency range)** . . **Equipment downsizing, Reduced # of capacitors**

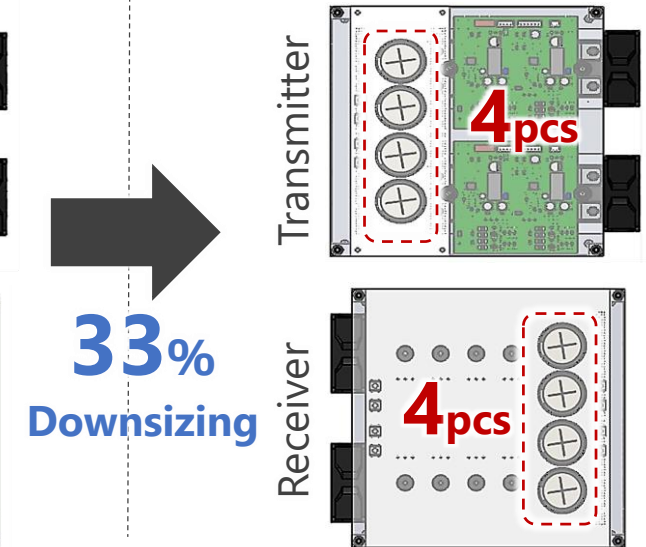
☑ NEW proposal for high frequency application



Using KMT *Custom
(400v680uF, $\phi 35 \times 50L$)



Using KRB/LRB
(400v210uF, $\phi 35 \times 41L$)



➔
33% Downsizing