



Press Release

Nippon Chemi-Con Corporation
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**KHF Series and KWB Series of Radial Lead Type Aluminum
Electrolytic Capacitors
Expanded size range (L dimensions: 20mm to 50mm)
Increased capacitance by up to 20% compared to existing products of
the same size**

Nippon Chemi-Con is pleased to announce that we have expanded the size range for the KHF series and KWB series of radial lead type aluminum electrolytic capacitors, which are used for input filtering of power supplies of digital appliances and general-use power supplies. This expanded range of size options will allow customers to select products with the optimal specification for a wide variety of applications.

Technical Features

KHF series and KWB series of products feature anode foils made using high-capacitance foil developed in-house at Nippon Chemi-Con. With these foils, we have increased capacitance by up to 20% compared to the existing KHE series and KWA series of products.

Product Specifications

- Category temperature range: -40°C to +105°C
- Rated voltage range: 400V to 450V
- Capacitance range: 18 μ F to 270 μ F (capacitance tolerance \pm 20%)
- Case sizes: \varnothing 10mm \times 20mmL to \varnothing 18mm \times 50mmL
- Endurance: KHF series - 3,000 hours at 105°C
KWB series - 5,000 hours at 105°C

Samples and Mass Production

Mass production: available

Production Sites

Chemi-Con East Japan Corp. Iwate Plant

<KHF, KWB series Enhanced size variation>

Case Size [mm]	ø10	ø12.5	ø16	ø18
20L				
25L				
30L to 31.5L				
35L				
40L				
45L				
50L				



Existing sizes



Newly added sizes

<450V product capacitance comparison>

Case sizes [mm]	KHF, KWB series	KHE, KWA series (existing products)
ø10×50L	56μF	47μF
ø16×25L	82μF	68μF
ø18×40L	180μF	150μF

Product Appearance



KHF series



KWB series