Kendeil™

FILM CAPACITORS

POWER FILM CAPACITORS ROADMAP

85°C

K36
SCREW ALUMINIUM CAN
85°C 100000h
600V to 4000V
24uF to 5600uF

K37
SCREW PLASTIC CASE
85°C 100000h
500V to 1100V
50uF to 280uF

105°C

KE2
PIN PLASTIC CASE
105°C 100000h
500V to 1200V
1uF to 220uF

K3F
PIN PLASTIC CASE
-55/105°C 100000h
500V to 1200V
1.0uF to 220uF

KE5
LUG PLASTIC CASE
105°C 100000h
850V to 2000V
0.1uF to 4.0uF

125°C

K4F
PIN PLASTIC CASE
-55/125°C 100000h
450V to 1100V
1.0 uF to 220uF

105°C

K9E
AXIALS PINS
105°C 100000h
600V to 3000V
0.01uF to 4.7uF

KE4
PIN PLASTIC CASE
105°C 100000h
630V to 2000V
0.01uF to 4.7uF

125°C

KE6
PIN PLASTIC CASE
-55/125°C 100000h
630V to 3000V
0.001uF to 4.7uF

85°C

KE8
SCREW ALUMINIUM CAN
85°C 100000h
250V to 850V
10uF to 600uF

K5F
SCREW ALUMINIUM CAN
85°C 100000h
230V to 850V 3Ph
3X8uF to 3X335uF

105°C

K1F
PIN PLASTIC CASE
-55/105°C 100000h
450V to 1200V
1.0 uF to 200uF

KE9
PIN PLASTIC CASE
-55/105°C 100000h
180V to 760V
0.1uF to 60uF

K2F
PIN PLASTIC CASE
105°C 100000h
160V to 450V
0.15 uF to 40uF

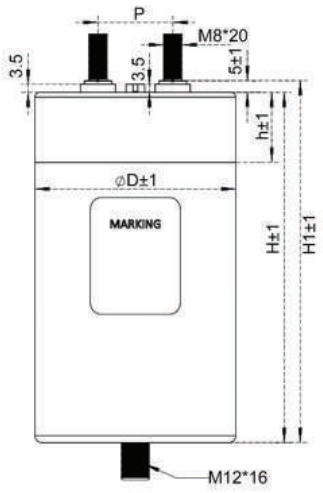
K6F
MODULAR PLASTIC BOX
70°C 100000h
450V to 3000V
1000uF to 20mF

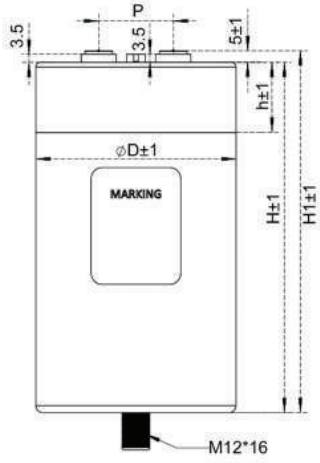
K7F
MODULAR PLASTIC BOX
105°C 100000h
450V to 1200V
300 uF to 1200uF

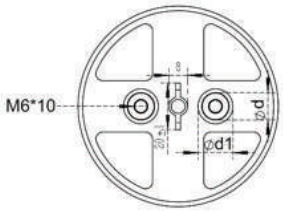
K36 TYPE -40 +85°C 100000H

Overview
The K36 capacitor is constructed of metallized polypropylene film in cylindrical aluminum can with stud and filled with epoxy resin. These K36 are specially design for application in high power conversion which required high capacitance with high reliability.

Applications	Widely used in high performance DC filtering, solar inverter, wind power and energy storage. Suitable for centralized inverter systems and can replace bank of series-connected electrolytic capacitors.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Cylinder Aluminium Case
Terminals	Tinned Brass Terminals (Lead Free)
Operating temperature range	-40 to +85°C
Capacitance	24μF to 5600μF
Rated Voltage	600 to 4000 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.0020 at 100Hz
Life Expectancy	≥100,000 hours at rated voltage and 70°C
Dielectric strength	1.5 x VR VDC for 10 seconds
Test Voltage terminal to case	4000VAC 50/60Hz 10 seconds
Insulation Resistance	IR x C ≥10,000s at 100VDC 1minute at +25°C







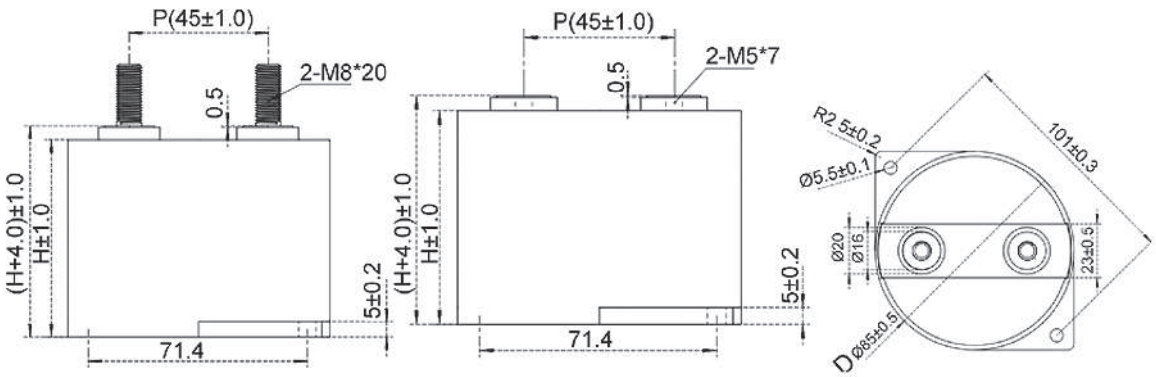
DISK DIMENSIONS

D (mm)	75, 86	100	116,136
D (mm)	12.0	15.0	15.0
d1 (mm)	15.0	18.0	18.0
P (mm)	32.0	32.0	50.0

K37 TYPE -40 +85°C 100000H

Overview
The K37 capacitor is constructed of metallized polypropylene film in cylindrical plastic case and filled with epoxy resin.

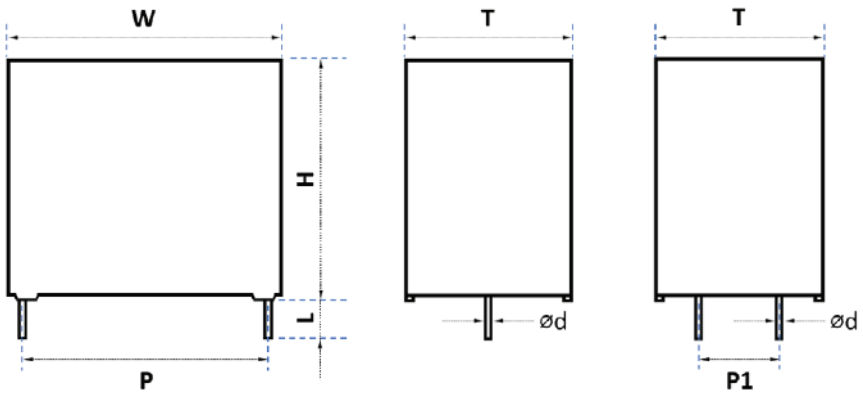
Applications	Widely used in DC Link, high performance DC filtering, motor drive systems, welder, elevator, EV/HEV.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Cylindrical Plastic Can
Terminals	Tinned Brass Terminals (Lead Free)
Operating temperature range	-40°C to +85°C
Capacitance	50μF to 280μF
Rated Voltage	500 to 1100 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.0020 at 1KHz
Life Expectancy	≥100,000 hours at rated voltage and 70°C hotspot
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25°C ± 5°C
Test Voltage terminal to case	4000VAC, 50/60Hz 60s at +25 ± 5°C
Insulation Resistance	IR xC≥10,000 s at 100vdc 1minute at +25°C



KE2 TYPE -40 +105°C 100000H

Overview
The KE2 series is a miniaturized metallized polypropylene film capacitor constructed with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. This KE2 series is suitable for high performance DC filtering applications.

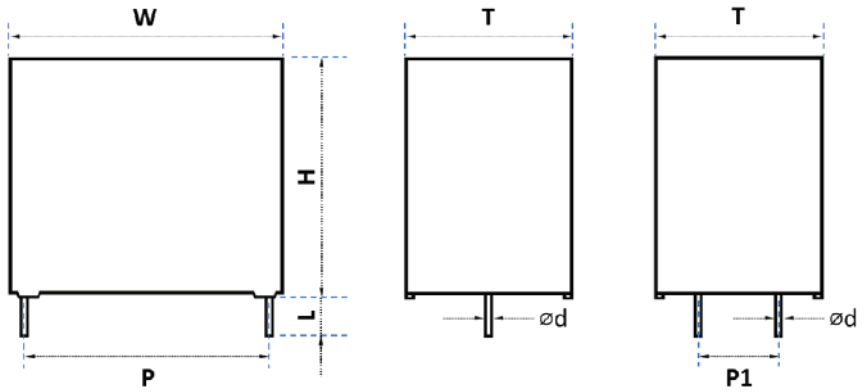
Applications	Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Terminal Wires
Operating temperature range	-40°C to +105°C
Capacitance	1.0μF to 220μF
Rated Voltage	500 to 1200 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.002 (0.2%) at 1KHz; C ≤20μF at 25°C ≤0.003 (0.3%) at 1KHz; C >20μF at 25°C ≤0.004 (0.4%) at 1KHz; C >80μF at 25°C
Life Expectancy	Symbol Voltage (VDC)
Life Expectancy	V_{NDC} 500 550 700 800 900 1000 1100 1200
Life Expectancy	V_{OP105} 365 402 511 584 657 730 803 876
Life Expectancy	100,000 hours (V_{NDC}, $\Theta_{hotspot}$ = 85°C) 40,000 hours (V_{OP105}, $\Theta_{hotspot}$ = 105°C) 500 hours (0.6 x V_{NDC}, $\Theta_{hotspot}$ = 115°C) 200 hours (0.5 x V_{NDC}, $\Theta_{hotspot}$ = 125°C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25°C ± 5°C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5°C)
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25°C



K3F TYPE -55 +105°C 100000H

Overview
The K3F series is a miniaturized metallized polypropylene film constructed with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. This K3F series is suitable for harsh environment condition and qualify in accordance to AEC-Q200 requirement.

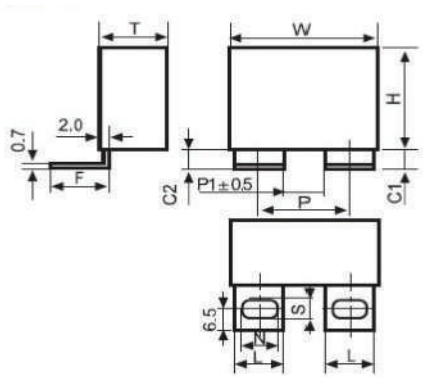
Applications	Widely used in high performance DC Link, DC filtering, frequency converter, industrial power supply, solar inverter, energy storage, OBC, DC-DC converter and automotive applications.
Reference standard	IEC 61071, AECQ-200
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Terminal Wires
Operating temperature range	-55°C to +105°C
Capacitance	1.0μF to 220μF
Rated Voltage	500 to 1200 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.002 (0.2%) at 1KHz; C ≤20μF at 25°C ≤0.003 (0.3%) at 1KHz; C >20μF at 25°C ≤0.004 (0.4%) at 1KHz; C >80μF at 25°C
Operative Voltage Derating	Symbol Voltage (VDC)
Rated Voltage at 85°C (THS)	V_{NDC} 500 550 700 800 900 1000 1100 1200
Rated Voltage at 105°C (THS)	V_{OP105} 365 402 511 584 657 730 803 876
Life Expectancy	100,000 hours (V_{NDC}, Θhotspot = 85°C) 40,000 hours (V_{OP105}, Θhotspot = 105°C) 500 hours (0.6 x V_{NDC}, Θhotspot = 115°C) 200 hours (0.5 x V_{NDC}, Θhotspot = 125°C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25°C ± 5°C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5°C)
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25°C



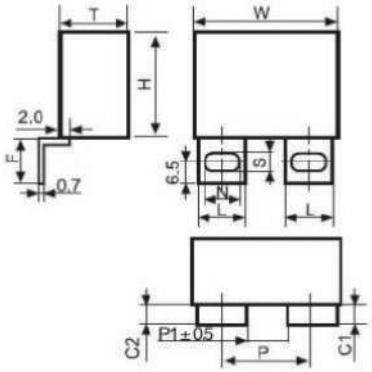
KE5 TYPE -40 +105°C 100000H

Overview
The KE5 capacitor is constructed of metallized polypropylene film with double-sided metallized film encapsulated with epoxy resin in a rectangular plastic case, with lug terminals.

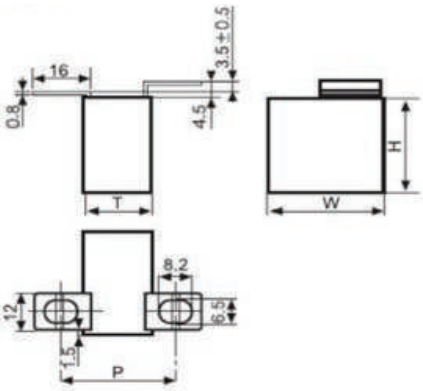
Applications	Widely used in high voltage, high frequency, high current, pulse circuit and IGBT protection.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Lug Terminal
Operating temperature range	-40°C to +105°C (85°C ~105°C, decreasing factor 1.25% per °C for Rated Voltage)
Capacitance	0.1μF to 4.0μF
Rated Voltage	850 to 2000 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	0.0010 (25° C, 1KHz)
Life Expectancy	100,000 hours (UR, $\Theta_{hotspot}$=85°C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25°C ± 5°C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5°C)
Insulation Resistance	C ≤ 0.33 μF at 100 V; 1 min > 100 000 MΩ C > 0.33 μF at 100 V; 1 min > 30 000 MΩ*μF



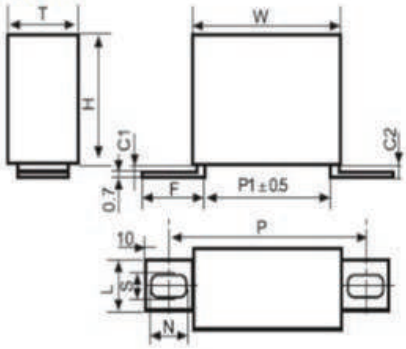
A Style



B Style



C Style

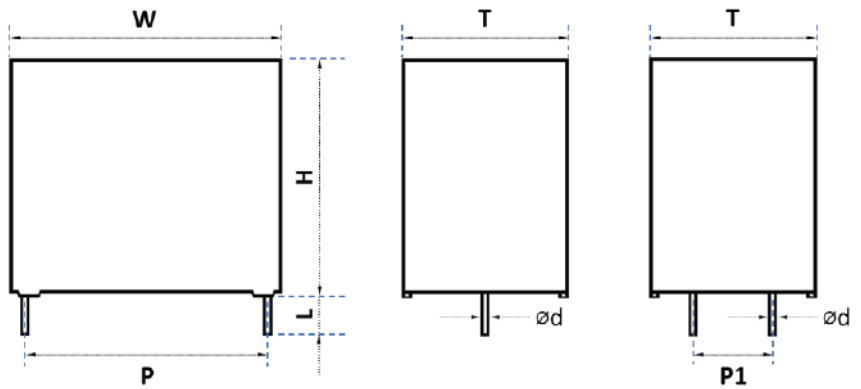


D Style

K4F TYPE -55 +125˚C 100000H

Overview
The K4F series is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. This K4F series is suitable for harsh environment condition and qualify in accordance to AEC-Q200 requirement.

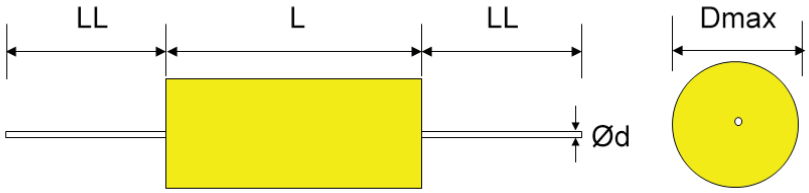
Applications	Widely used in high performance DC Link, DC filtering, frequency converter, industrial power supply, solar inverter, energy storage, OBC, DC-DC converter and automotive applications
Reference standard	IEC 61071, AECQ-200
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Terminal Wires
Operating temperature range	-55˚C to +125˚C (85˚C ~125˚C, decreasing factor 1.1% per ˚C for Rated Voltage)
Capacitance	1.0μF to 220μF
Rated Voltage	450 to 1100 VDC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	≤0.002 (0.2%) at 1KHz; C ≤20μF at 25˚C ≤0.003 (0.3%) at 1KHz; C >20μF at 25˚C ≤0.004 (0.4%) at 1KHz; C >80μF at 25˚C
Operative Voltage Derating	Symbol Voltage (VDC)
Rated Voltage at 85˚C (THS)	V_{NDC} 450 600 700 900 1100
Rated Voltage at 85˚C (THS)	V_{OP105} 351 468 546 702 858
Rated Voltage at 85˚C (THS)	V_{OP115} 301 402 469 603 737
Rated Voltage at 105˚C (THS)	V_{OP125} 252 336 392 504 616
Life Expectancy	100,000 hours (V_{NDC}, $\Theta_{hotspot}$ = 85˚C) 20,000 hours (V_{OP105}, $\Theta_{hotspot}$ = 105˚C) 5,000 hours (V_{OP115}, $\Theta_{hotspot}$ = 115˚C) 4,000 hours (V_{OP125}, $\Theta_{hotspot}$ = 125˚C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5˚C)
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25˚C



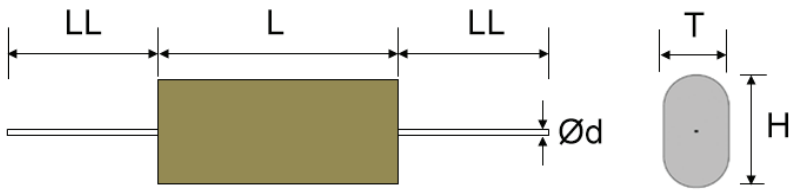
K9E TYPE -40 +105˚C 100000H

Overview
The FSC Series is a polypropylene metallized film and double-sided metallized film with polyester tape wrapping filled with resin and tinned copper wires.

Applications	Widely used in high voltage, high frequency and pulse circuit and IGBT protection.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Polyester Tape Wrapping
Terminals	Tinned Copper Wire Terminal
Operating temperature range	-40˚C to +105˚C (85˚C ~105˚C, decreasing factor 1.35% per ˚C for Rated Voltage)
Capacitance	0.01μF to 4.7μF
Rated Voltage	600 to 3000 VDC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	0.0010 (25˚ C, 1KHz)
Life Expectancy	100,000 hours (UR, $\Theta_{hotspot}$ = 85˚C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5˚C)
Insulation Resistance	C ≤ 0.33 μF at 100 V; 1 min > 100 000 MΩ C > 0.33 μF at 100 V; 1 min > 30 000 MΩ*μF



R Shape

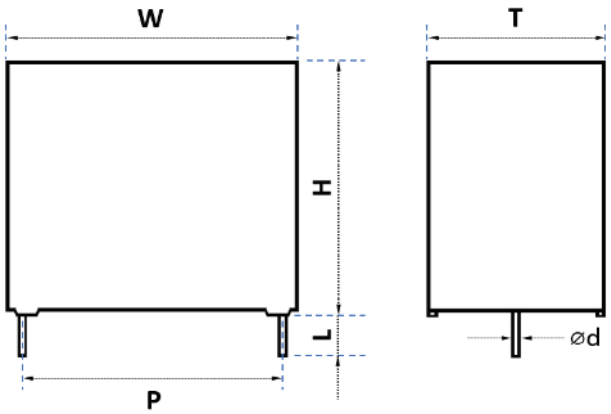


E Shape

KE4 TYPE -40 +105˚C 100000H

Overview
The KE4 series is constructed of metallized polypropylene film and double-sided metallized film as electrodes with radial leads of tinned wires. The capacitor is encapsulated in plastic cases, sealed with epoxy resin.

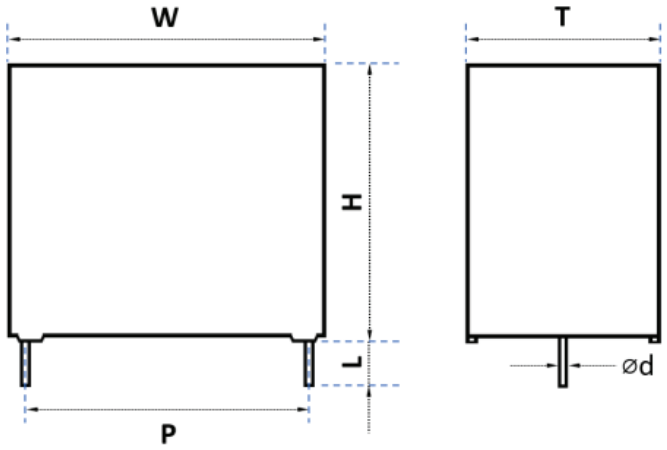
Applications	Widely used in snubber and silicon-controlled rectifier (SCR and IGBT) and SiC (MOSFET) commutation circuits. Suitable for applications with high frequency, high current, high voltage, and high temperature.
Reference standard	IEC 60384-16
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Terminal Wires
Operating temperature range	-40˚C to +105˚C (85˚C ~105˚C, decreasing factor 1.25% per ˚C for Rated Voltage)
Capacitance	0.001μF to 4.7μF
Rated Voltage	630 to 2000 VDC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	0.0010 (25˚ C, 1KHz)
Life Expectancy	100,000 hours (UR, Θhotspot=85˚C)
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ± 5˚C)
Insulation Resistance	C ≤ 0.33 μF at 100 V; 1 min > 100 000 MΩ C > 0.33 μF at 100 V; 1 min > 30 000 MΩ*μF



KE6 TYPE -55 +125˚C 100000H

Overview
The KE6 series is constructed of metallized polypropylene film with double-sided metallized film encapsulated with epoxy resin in a plastic box, with 2 tinned copper wires. This KE6 series operating temperature range from -55˚C to +125˚C, suitable for harsh environmental condition and qualify in accordance to AEC-Q200 requirement.

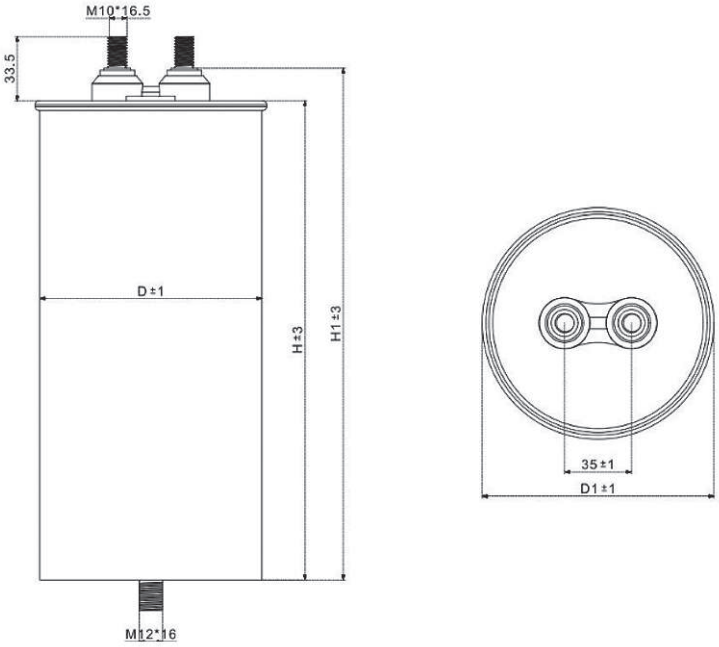
Applications	Widely used in high voltage, high frequency and pulse circuit and IGBT protection.
Reference standard	IEC 61071, AECQ-200
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Wire Terminal
Operating temperature range	-55˚C to +125˚C (105˚C ~125˚C, decreasing factor 1.25% per ˚C for Rated Voltage)
Capacitance	0.001μF to 4.7μF
Rated Voltage	630 to 3000 VDC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	0.0010 (25˚ C, 1KHz)
Life Expectancy	200,000 hours (VNDC, $\Theta_{hotspot}$ = 85˚C) 100,000 hours (VOP105, $\Theta_{hotspot}$ = 105˚C) 9,000 hours (VOP115, $\Theta_{hotspot}$ = 115˚C) 5,000 hours (VOP125, $\Theta_{hotspot}$ = 125˚C)
Operative Voltage Derating	Symbol Voltage (VDC)
Rated Voltage at 105˚C (T_{HS})	V_{OP105} 630 1000 1300 1600 2000
Rated Voltage at 115˚C (T_{HS})	V_{OP115} 551 875 1138 1400 1750
Rated Voltage at 125˚C (T_{HS})	V_{OP125} 473 750 975 1200 1500
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +20 ± 2˚C)
Insulation Resistance	C ≤ 0.33 μF at 100 V; 1 min > 100 000 MΩ C > 0.33 μF at 100 V; 1 min > 30 000 s



KE8 TYPE -40 +85°C 100000H

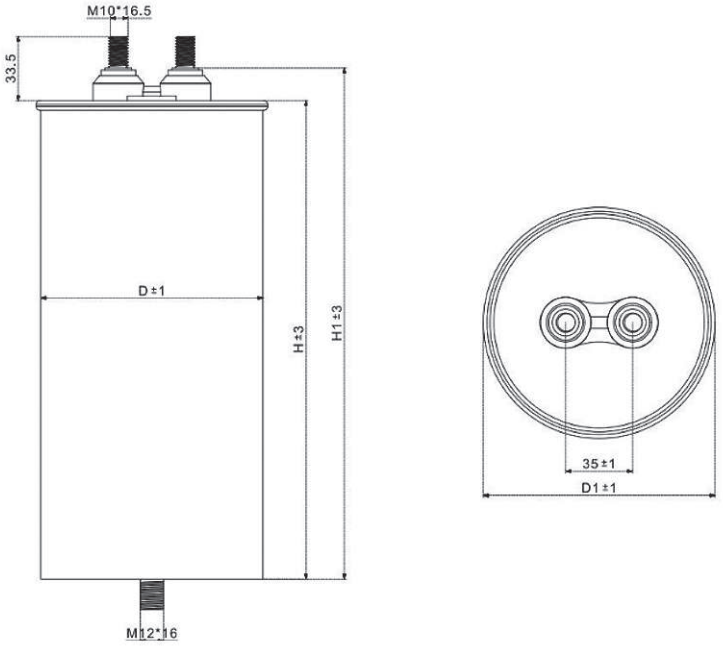
Overview
The KE8 series capacitors are designed for PFC system and AC harmonic filtering, consist of metallized polypropylene film, enclosed in cylindrical Al can filled with soft resin, screw terminals or fast-on terminals.

Applications	Widely used in AC Filtering and LCL System
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Cylinder Aluminium Case
Terminals	Tinned Brass Terminals (Lead Free) or Tinned Steel
Operating temperature range	-40 to +85°C
Capacitance	10μF to 600μF
Rated Voltage	250 to 850 VAC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.0020 at 100Hz
Life Expectancy	≥100,000 hours at rated voltage and 70°C
Dielectric strength	2.15 x RMS Voltage for 10 seconds
Test Voltage terminal to case	4000VAC 50/60Hz 10 seconds
Insulation Resistance	IR x C ≥5,000s at 100VDC 1minute at +25°C

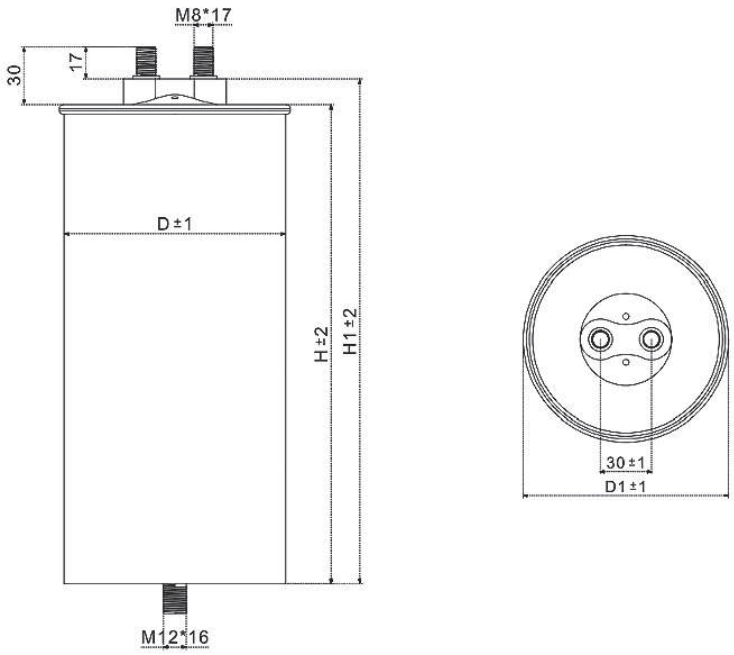


DISK DIMENSIONS

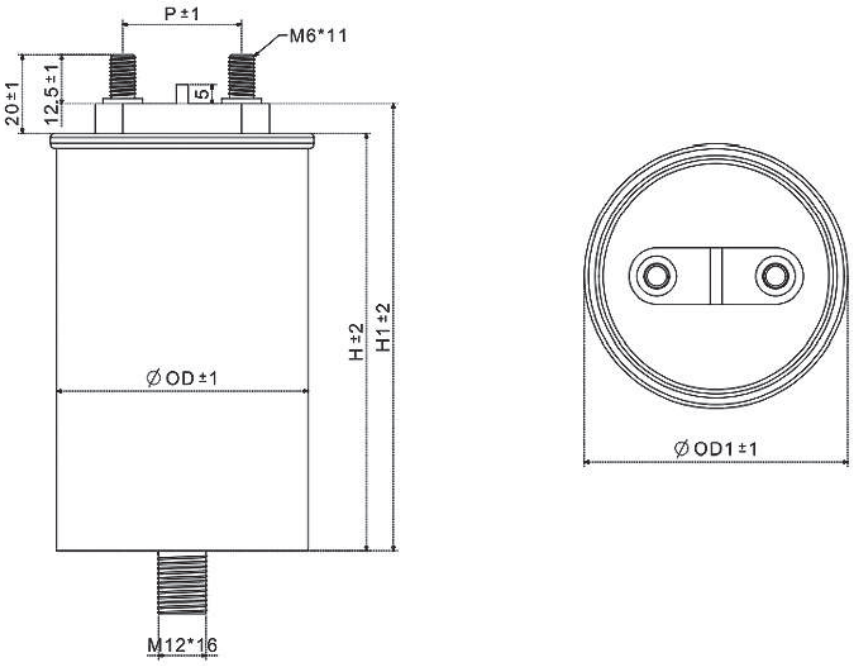
D (mm)	50, 55, 60, 63.5	76, 86, 96, 106	116
P (mm)	20.0	30.0	35.0



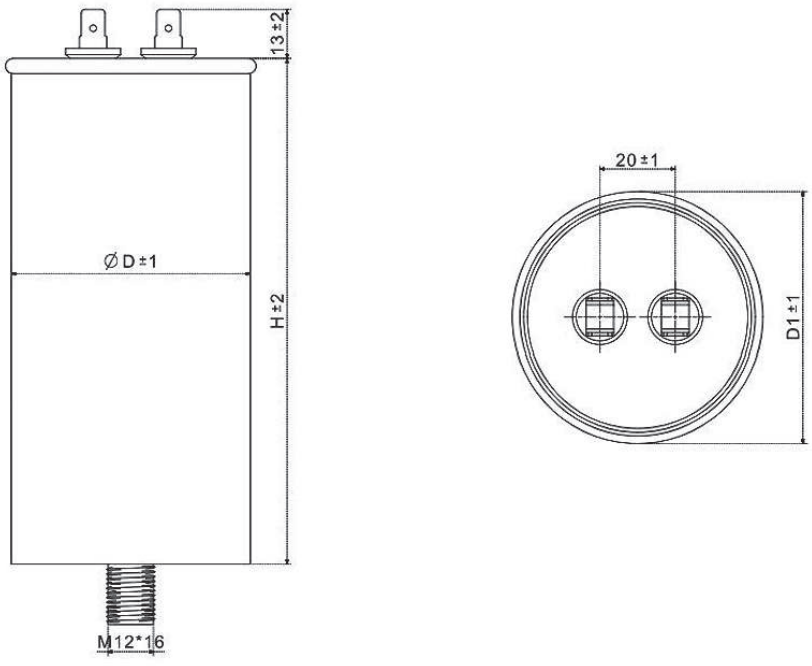
Diameter: 116mm



Diameter: 76mm, 86mm, 96mm, 106mm, 116mm, 136mm



Diameter: 60mm, 63mm

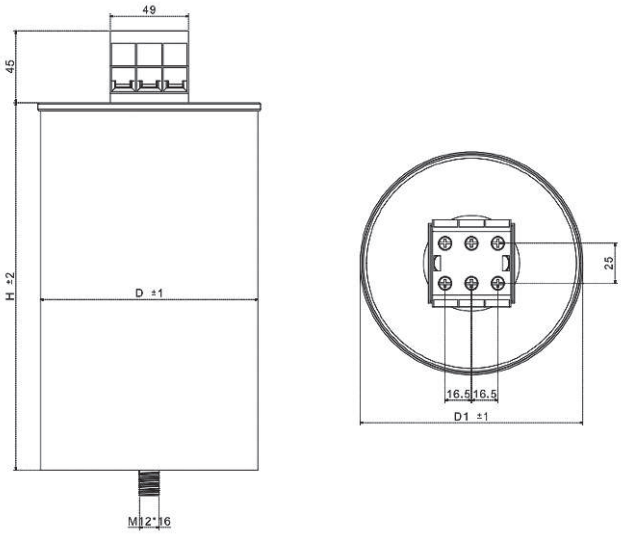


Diameter: 40mm, 45mm, 50mm, 55mm, 60mm, 63.5mm

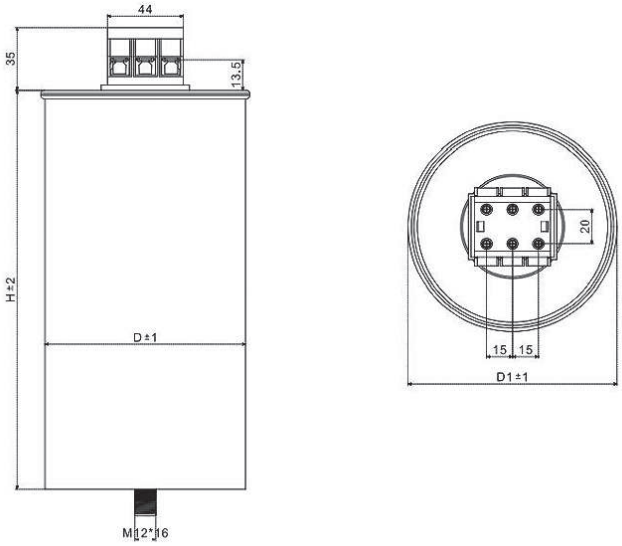
K5F TYPE -40 +85°C 100000H

Overview
The K5F series capacitors are designed for PFC system or filtering harmonics at the AC output of large inverter system. The K5F series capacitor consists of metallized polypropylene film, enclosed in cylindrical Al case and filled with soft PU resin.

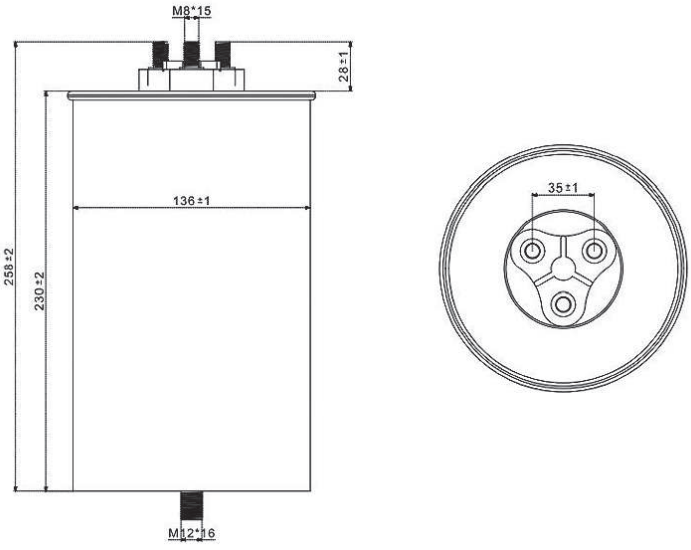
Applications	Widely used in PFC, AC Filtering and LCL System
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film with Soft Resin Filling
Coating	Cylinder Aluminium Case
Terminals	Tinned Brass Terminals (Lead Free)
Operating temperature range	-40 to +85°C
Capacitance	3x8μF to 3x335μF
Rated Voltage	230 to 850 VAC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.0020 at 100Hz
Life Expectancy	≥100,000 hours at rated voltage and 70°C
Dielectric strength	2.15 x VR VDC for 10 seconds
Test Voltage terminal to case	4000VAC 50/60Hz 10 seconds
Insulation Resistance	IR x C ≥5,000s at 100VDC 1minute at +25°C



Diameter: 136mm



Diameters: 76mm, 86mm, 96mm, 106mm, 116mm, 136mm

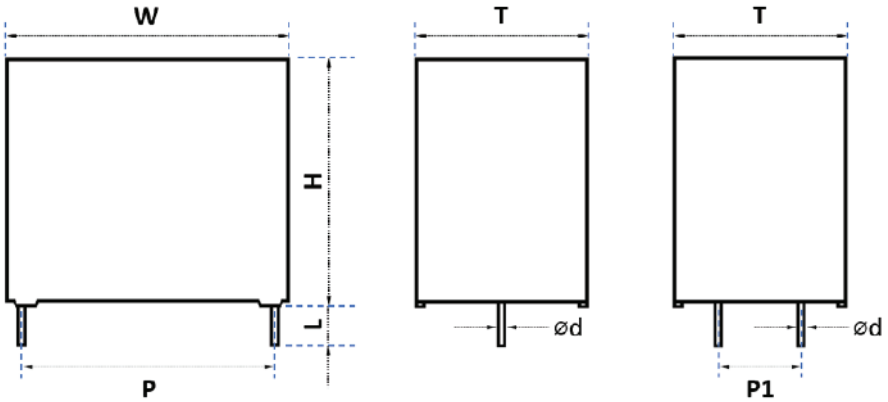


Diameter: 156mm

K1F TYPE -55 +105˚C 100000H

Overview
The K1F capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. These K1F series is suitable for harsh environment conditions and compliant to THB Grade IIIB.

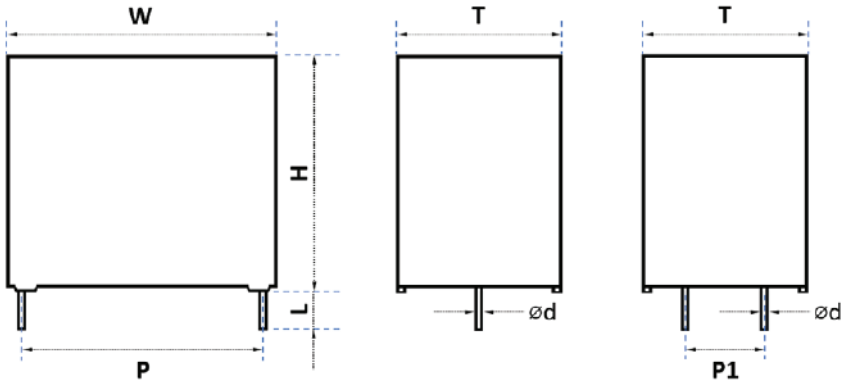
Applications	Widely used in high performance DC Link, DC filtering, frequency converters, industrial power supply, solar inverter and energy storage. Not suitable for across the line application.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Terminal Wires
Operating temperature range	-55˚C to +105˚C (85˚C ~105˚C, decreasing factor 1.25% per ˚C for Rated Voltage)
Capacitance	1.0μF to 200μF
Rated Voltage	450 to 1200 VDC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	≤0.002 (0.2%) at 1KHz; C ≤20μF at 25˚C ≤0.003 (0.3%) at 1KHz; C >20μF at 25˚C ≤0.004 (0.4%) at 1KHz; C >80μF at 25˚C
Life Expectancy	≥100,000 hours at rated voltage and 85˚C hotspot
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s (at +25 ±5˚C)
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25˚C



KE9 TYPE -55 +105˚C 100000H

Overview
The KE9 capacitor is constructed of metallized polypropylene film encapsulated with epoxy resin in a plastic box, with 2 or 4 tinned copper wire. These KE9 series are suitable for harsh environment conditions and compliant to THB Grade IIIB.

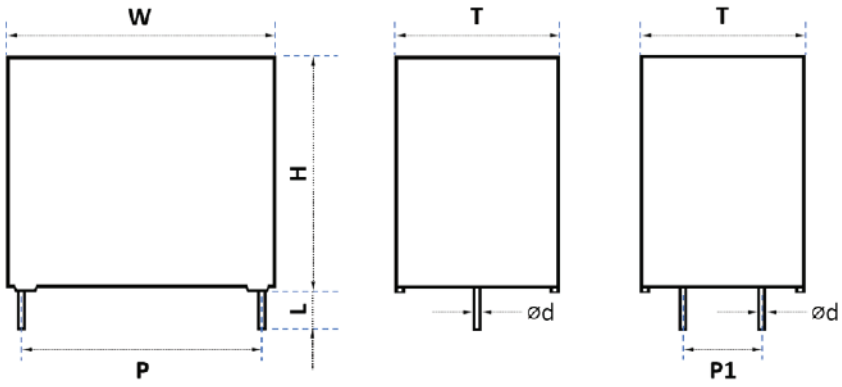
Applications	Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Plastic Box
Terminals	Tinned Copper Wire Terminals
Operating temperature range	-55˚C to +105˚C (85˚C ~105˚C, decreasing factor 1.35% per ˚C for Urms)
Capacitance	0.1μF to 60μF
Rated Voltage	180 to 760 VAC
Tolerance	±5% or ±10% at +25˚C
Dissipation Factor	≤0.0020 at 100Hz
Life Expectancy	≥100,000 hours at rated voltage and 85˚C hotspot
Dielectric strength	1.5 x VR Vac for 10 seconds (between terminations) @ +25˚C ± 5˚C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s at +25 ± 5˚C
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25˚C



K2F TYPE -40 +105°C 100000H

Overview
The K2F capacitor is constructed of metallized polypropylene film encapsulated with polyester tape wrapping filled with epoxy resin and tinned copper wire.

Applications	Widely used in Clamping, AC and Harmonic Filtering, UPS Systems, Solar Inverter with LCL Filter and Motor Drive.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Polyester Tape Wrapping
Terminals	Tinned Copper Wire Terminals
Operating temperature range	-40°C to +105°C (85°C ~105°C, decreasing factor 1.25% per °C for Urms)
Capacitance	0.15μF to 40μF
Rated Voltage	160 to 450 VAC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤ 0.002 (0.20%) at 1 kHz. C ≤ 20μF at +25°C ≤ 0.003 (0.30%) at 1 kHz. C > 20μF at +25°C
Life Expectancy	≥100,000 hours at rated voltage and 85°C hotspot
Dielectric strength	1.5 x VR Vac for 10 seconds (between terminations) @ +25°C ± 5°C
Test Voltage terminal to case	3000VAC, 50/60Hz 60s at +25 ± 5°C
Insulation Resistance	IR xC≥30,000 s at 100vdc 1minute at +25°C

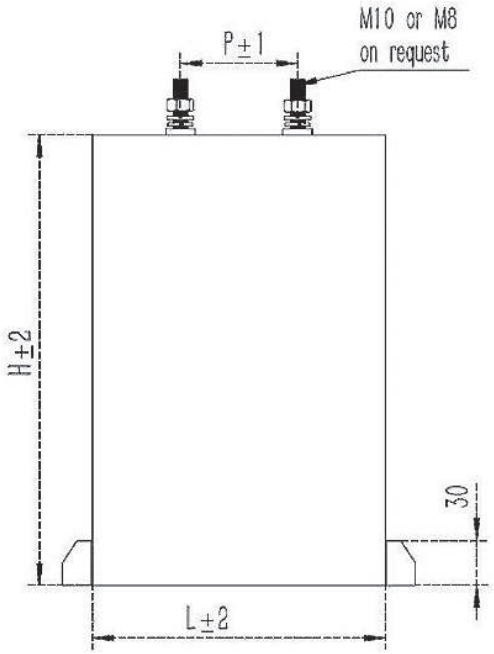


K6F TYPE -40 +70°C 100000H

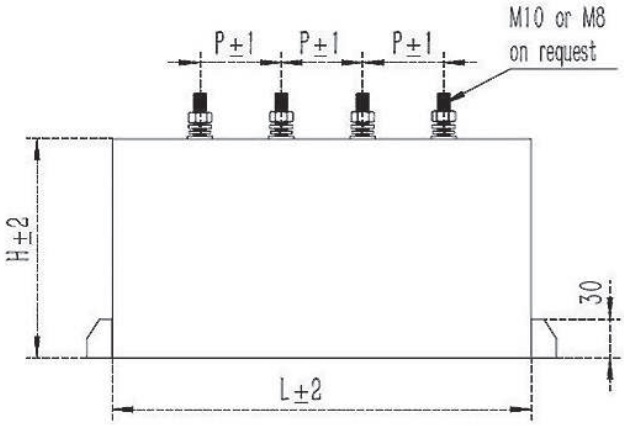
Overview
The K6F capacitor is constructed of metallized polypropylene film, sealed with epoxy in aluminum case or stainless-steel casing. These capacitors are suitable for high capacitance requirement of DC-Link circuits.

Applications	DC Link, DC Filtering circuit. Energy storage, High Voltage Direct Current (HVDC) transmission systems.
Reference standard	IEC 61071
Construction	Metallized Polypropylene Film
Coating	Aluminium or Stainless-Steel Casing
Terminals	Tinned Brass with plastic bushing
Operating temperature range	-40°C to 70°C
Capacitance	1000μF to 20000μF
Rated Voltage	450 to 3000 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	≤0.0030 (20°C, at 100Hz)
Life Expectancy	≥100,000 hours at rated voltage and Hot-Spot Temperature T=+70°C
Dielectric strength	1.5 x VR VDC for 10 seconds @ +25°C ± 5°C
Test Voltage terminal to case	4000VAC, 50/60Hz 10s (at +25 ± 5°C)
Insulation Resistance	IR xC≥10,000 s at 100vdc 1minute at +25°C

Terminal Configurations

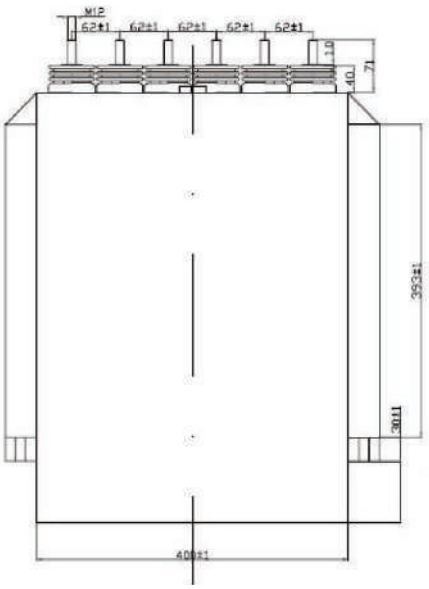


2 Terminals

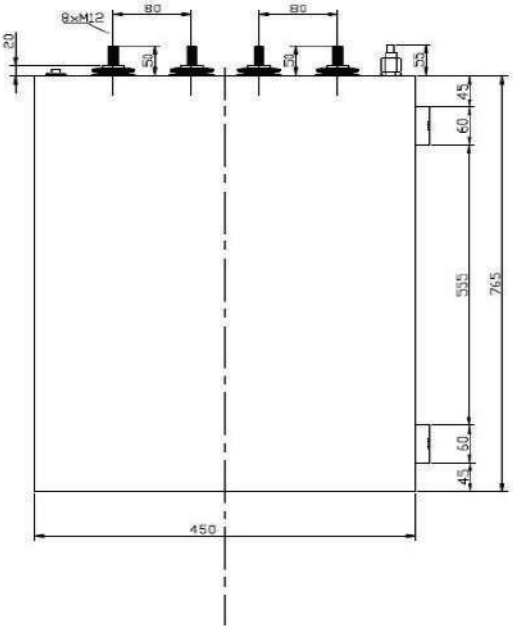


4 Terminals

Terminal Configurations



6 Terminals

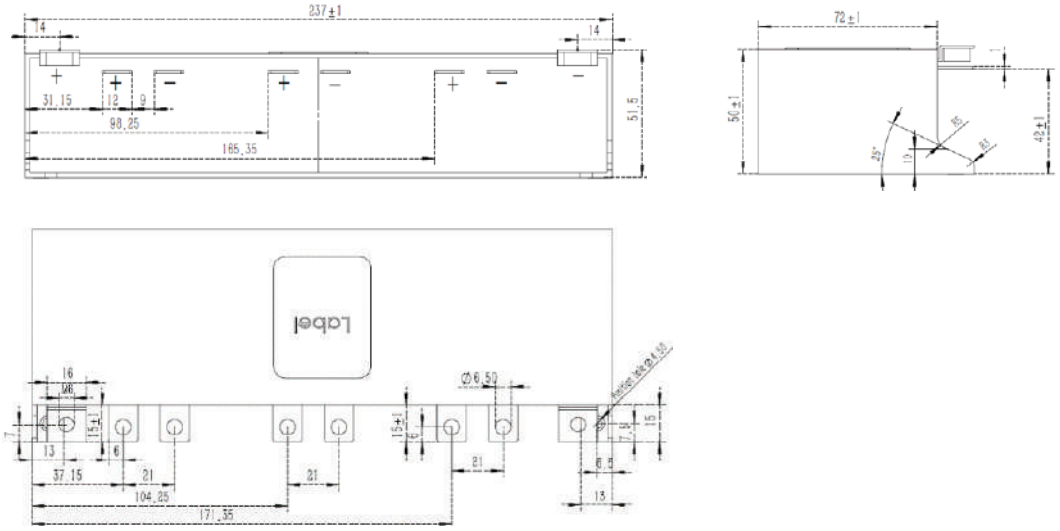


8 Terminals

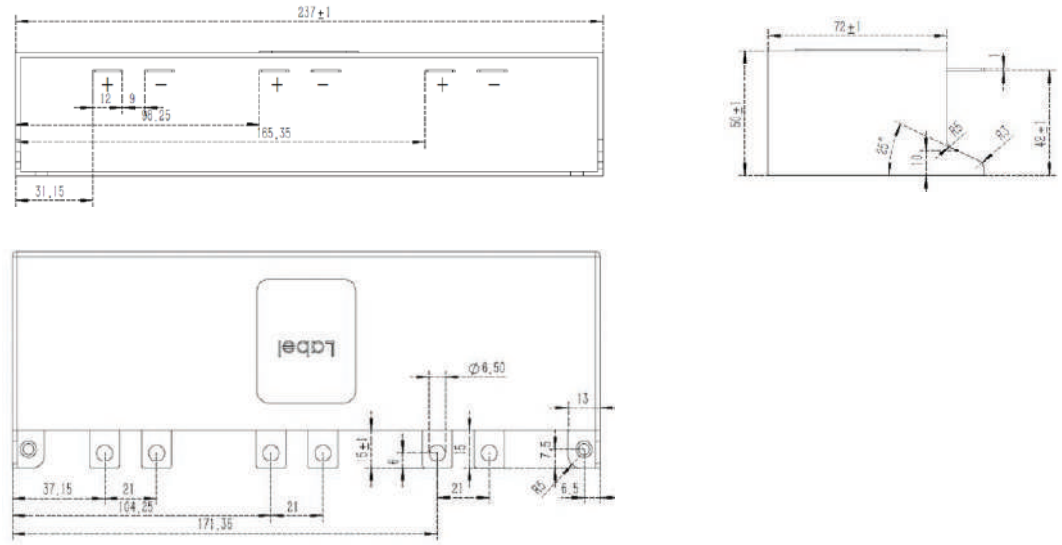
K7F TYPE -40 +105°C

Overview
The K7F capacitor is constructed of segmented metallized polypropylene film in customized PPS case, specially treated to have a very high dielectric strength in operating conditions up to 105°C.

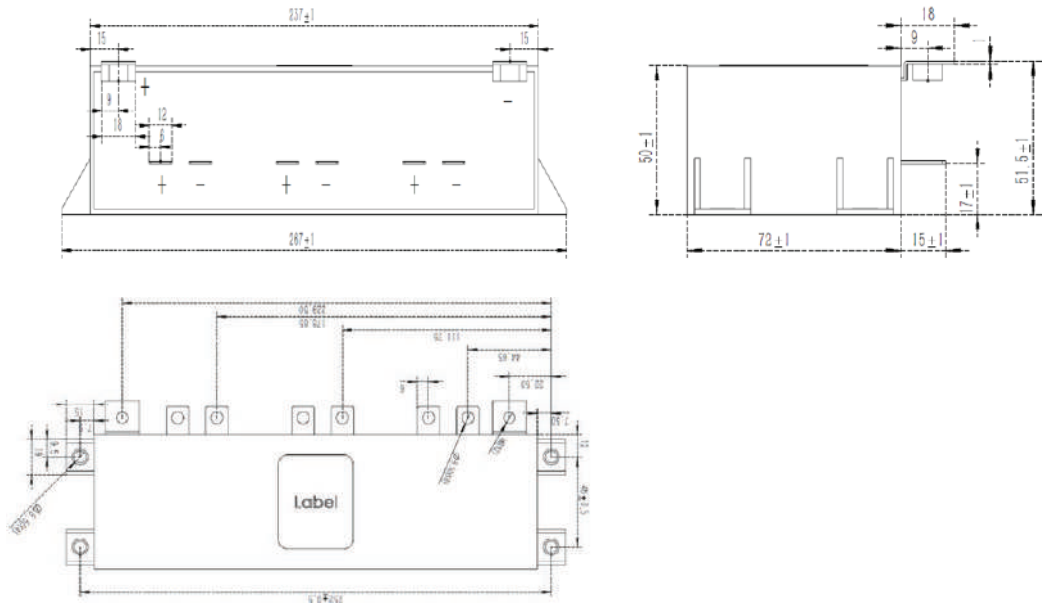
Applications	Specially design for DC filtering and DC-Link circuits for EV/HEV.
Reference standard	IEC 61071, AECQ-200D
Construction	Segmented Metallized Polypropylene Film
Coating	Custom PPS Case
Terminals	Tinned coated Copper
Operating temperature range	-40°C to +105°C (85°C ~105°C, decreasing factor 1.25% per °C for Rated Voltage)
Capacitance	300μF to 1200μF
Rated Voltage	450 to 1200 VDC
Tolerance	±5% or ±10% at +25°C
Dissipation Factor	0.0010 at 1KHz
Life Expectancy	Over 100.000 h
Dielectric strength	1.5 Un / 10s (25 ± 5°C)
Test Voltage terminal to case	3000VAC, 50/60Hz 60s at +25 ± 5°C
Insulation Resistance	IR xC≥10,000 s at 500vdc 1minute at +25°C



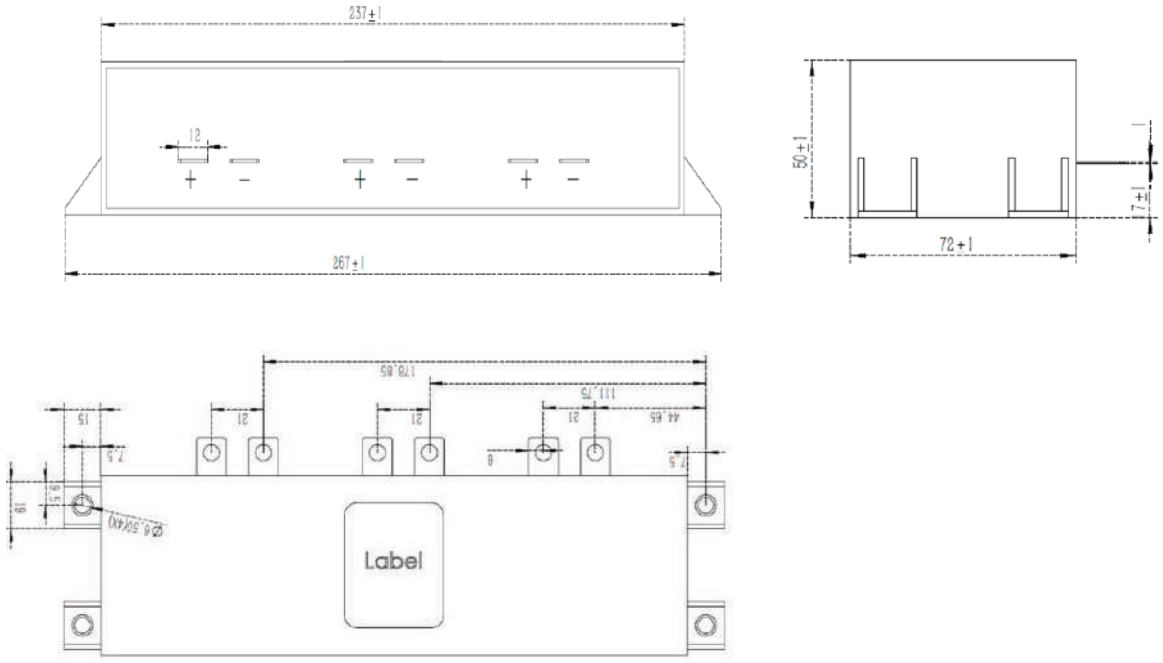
CASE CODE 1



CASE CODE 2



CASE CODE 3



CASE CODE 4

Kendeil™

Film Capacitors

Kendeil S.r.l.
Via Irlanda, 1
I-21013 GALLARATE (VA)
Tel. +39-0331 786966
Fax +39-0331 786967
kendeil@kendeil.com
www.kendeil.com

ALL PRODUCTS READY

RoHS Compliant

REACH COMPLIANT

AGENT OR DISTRIBUTOR