

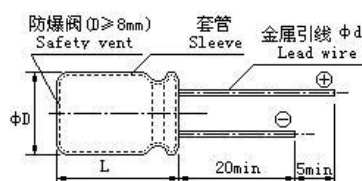
KJ

- High Pipple Current Product, extra long life
- Endurance 12000 hours at 105°C/3000 hours at 130°C
- Comply with the RoHS

SPECIFICATIONS

Category Temperature	-40+105℃（160-450V）/-25+105℃（500V）							
Voltage Range	160-500V.DC							
Capacitance Tolerance	±20%(120Hz,20℃)							
Leakage Current	I≤0.02CV+25(μA) (2 minutes)							
Dissipation Factor （120hz、20℃）	WV	160	200	250	350	400	450	500
	tgδ	0.15	0.15	0.15	0.20	0.20	0.20	0.24
Stability at Low Temperature （120Hz）	WV	160	200	250	350	400	450	500
	Z _{-25℃} /Z _{+20℃}	3	3	3	6	6	6	8
	Z _{-40℃} /Z _{+20℃}	8	8	8	10	10	15	-
Endurance	In an environment of +105℃, apply the operating voltage with ripple current for 12000 hours (500V/10000H), and after 16 hours of recovery, the product performance meets the following requirements:							
	Capacitance Change	Within ±20%of initial measured						
	Dissipation Factor	≤200% of initial specified value						
	Leakage Current	≤initial specified value						
Shelf Life	In an environment of +105℃, apply the operating voltage with ripple current for 1000 hours, and after 16 hours of recovery, the product performance meets the following requirements:							
	Capacitance	Within ±20%of initial						
	Dissipation Factor	≤200% of initial specified						
	Leakage Current	≤200% of initial specified						

DRAWING & DIMENSIONS (Unit: mm)



ΦD	5	6.3	8	10	13	16	18
F±0.5	2.0	2.5	3.5	5.0	5.0	7.5	7.5
Φd±0.05	0.5	0.5	0.5	0.6	0.6	0.8	0.8
L	(L<20) ±1.5				(L≥20) ±2.0		
D	(D<20) ±0.5				(D≥20) ±1.0		

FREQUENCY COEFFICIENT OF ALLOWABLE RIPPLE CURRENT

Frequency(Hz)	120	1K	10K	100K
Capacitance(μF)				
Coefficient				
160-500V	0.50	0.80	0.90	1.00

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NOMINAL CAPACITANCE, RATED VOLTAGE & DIMENSIONS

	160V (2C)			200V (2D)		
	Dimensions (mm)	Ripple Current (mA)	Part Number	Dimensions (mm)	Ripple Current (mA)	Part Number
4.7	8X12	96	KJ2C4R7M0812DCH00000	8X12	100	KJ2D4R7M0812DCH00000
5.6	8X12	102	KJ2C5R6M0812DCH00000	8X12	108	KJ2D5R6M0812DCH00000
6.8	8X12	110	KJ2C6R8M0812DCH00000	8X16	118	KJ2D6R8M0816DCH00000
8.2	8X16	160	KJ2C8R2M0816DCH00000	8X16	160	KJ2D8R2M0816DCH00000
10	8X16	210	KJ2C100M0816DCH00000	10X16	250	KJ2D100M1016ECH00000
15	10X16	320	KJ2C150M1016ECH00000	10X16	258	KJ2D150M1016ECH00000
22	10X16	450	KJ2C220M1016ECH00000	10X20	500	KJ2D220M1020ECH00000
33	10X20	525	KJ2C330M1020ECH00000	13X20	600	KJ2D330M1320ECH00000
47	13X20	660	KJ2C470M1320ECH00000	13X20	660	KJ2D470M1320ECH00000
68	13X25	760	KJ2C680M1325ECH00000	16X20	800	KJ2D680M1620FCH00000
100	16X25	1120	KJ2C101M1625FCH00000	16X25	1180	KJ2D101M1625FCH00000
150	16X30	1360	KJ2C151M1630FCH00000	16X30	1430	KJ2D151M1630FCH00000
220	18X25	1620	KJ2C221M1825FCH00000			

	250V (2E)			350V (2V)		
	Dimensions (mm)	Ripple Current (mA)	Part Number	Dimensions (mm)	Ripple Current (mA)	Part Number
2.2				8X12	88	KJ2V2R2M0812DCH00000
3.3				8X12	102	KJ2V3R3M0812DCH00000
4.7	8X12	100	KJ2E4R7M0812DCH00000	8X16	118	KJ2V4R7M0816DCH00000
5.6	8X12	108	KJ2E5R6M0812DCH00000	8X16	135	KJ2V5R6M0816DCH00000
6.8	8X16	118	KJ2E6R8M0816DCH00000	10X16	162	KJ2V6R8M1016ECH00000
8.2	10X16	180	KJ2E8R2M1016ECH00000	10X16	206	KJ2V8R2M1016ECH00000
10	10X16	265	KJ2E100M1016ECH00000	10X20	258	KJ2V100M1020ECH00000
15	10X20	380	KJ2E150M1020ECH00000	13X20	380	KJ2V150M1320ECH00000
22	10X20	525	KJ2E220M1020ECH00000	13X20	460	KJ2V220M1320ECH00000
33	13X20	610	KJ2E330M1320ECH00000	16X20	600	KJ2V330M1620FCH00000
47	13X25	720	KJ2E470M1325ECH00000	16X25	760	KJ2V470M1625FCH00000
68	16X25	850	KJ2E680M1625FCH00000	18X25	850	KJ2V680M1825FCH00000
100	16X30	1260	KJ2E101M1630FCH00000	18X30	1300	KJ2V101M1830FCH00000
150	16X35	1500	KJ2E151M1635FCH00000			

Rated ripple current: (105℃, 100KHz)

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NOMINAL CAPACITANCE, RATED VOLTAGE & DIMENSIONS

	400V (2G)			450V (2W)		
	Dimensions (mm)	Ripple Current (mA)	Part Number	Dimensions (mm)	Ripple Current (mA)	Part Number
2.2	8X12	92	KJ2G2R2M0812DCH00000	8X16	95	KJ2W2R2M0816DCH00000
3.3	8X16	105	KJ2G3R3M0816DCH00000	8X16	110	KJ2W3R3M0816DCH00000
4.7	10X16	120	KJ2G4R7M1016ECH00000	10X16	130	KJ2W4R7M1016ECH00000
5.6	10X16	150	KJ2G5R6M1016ECH00000	10X20	170	KJ2W5R6M1020ECH00000
6.8	10X16	170	KJ2G6R8M1016ECH00000	10X20	188	KJ2W6R8M1020ECH00000
8.2	10X20	210	KJ2G8R2M1020ECH00000	10X20	230	KJ2W8R2M1020ECH00000
10	10X20	258	KJ2G100M1020ECH00000	13X20	264	KJ2W100M1320ECH00000
15	13X20	380	KJ2G150M1320ECH00000	13X20	380	KJ2W150M1320ECH00000
22	16X20	500	KJ2G220M1620FCH00000	16X20	520	KJ2W220M1620FCH00000
33	16X25	620	KJ2G330M1625FCH00000	16X25	650	KJ2W330M1625FCH00000
47	16X30	780	KJ2G470M1630FCH00000	16X35	800	KJ2W470M1635FCH00000
68	18X30	1000	KJ2G680M1830FCH00000	18X35	1050	KJ2W680M1835FCH00000
100	18X40	1320	KJ2G101M1840FCH00000	18X45	1400	

	500V (2H)		
	Dimensions (mm)	Ripple Current (mA)	Part Number
10	13X25	256	KJ2H100M1325ECH00000
15	16X20	350	KJ2H150M1620FCH00000
22	16X25	440	KJ2H220M1625FCH00000
33	18X25	560	KJ2H330M1825FCH00000
47	18X30	760	KJ2H470M1830FCH00000

Rated ripple current: (105℃, 100kHz)