

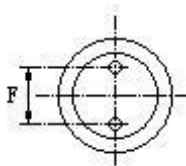
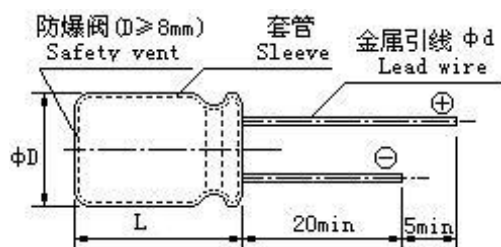
KR

- High Pipple Current Product, Extra Long Life
- Endurance 8000 hours at 105°C
- Comply with the RoHS

SPECIFICATIONS

Category Temperature	-40+105℃ (160-450V.DC)/-25+105℃ (500V.DC)							
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 8000 hours, and after 16 hours of recovery, the product performance meets the following requirements:							
	Capacitance	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	100	KR2C4R7M0812DCH00000	8X12	10	KR2D4R7M0812DCH00000
5.6	8X12	108	KR2C5R6M0812DCH00000	8X12	108	KR2D5R6M0812DCH00000
6.8	8X16	115	KR2C6R8M0816DCH00000	8X16	115	KR2D6R8M0816DCH00000
8.2	8X16	189	KR2C8R2M0816DCH00000	8X16	189	KR2D8R2M0816DCH00000
10	8X16	226	KR2C100M0816DCH00000	8X16	226	KR2D100M0816DCH00000
15	10X16	310	KR2C150M1016ECH00000	10X16	310	KR2D150M1016ECH00000
22	10X20	384	KR2C220M1020ECH00000	10X20	384	KR2D220M1020ECH00000
33	10X20	472	KR2C330M1020ECH00000	13X20	520	KR2D330M1320ECH00000
47	13X20	624	KR2C470M1320ECH00000	13X20	624	KR2D470M1320ECH00000
68	13X25	820	KR2C680M1325ECH00000	13X25	820	KR2D680M1325ECH00000
100	16X25	1096	KR2C101M1625FCH00000	16X25	1096	KR2D101M1625FCH00000
150	16X30	1448	KR2C151M1630FCH00000	16X30	1448	KR2D151M1630FCH00000

	250V (2E)			350V (2V)		
	Dimensions (mm)	Ripple Current (mA)	Part Number	Dimensions (mm)	Ripple Current (mA)	Part Number
4.7	8X12	103	KR2E4R7M0812DCH00000	8X16	118	KR2V4R7M0816DCH00000
5.6	8X12	126	KR2E5R6M0812DCH00000	8X16	135	KR2V5R6M0816DCH00000
6.8	8X16	140	KR2E6R8M0816DCH00000	10X16	162	KR2V6R8M1016ECH00000
8.2	8X16	160	KR2E8R2M0816DCH00000	10X16	206	KR2V8R2M1016ECH00000
10	10X16	240	KR2E100M1016ECH00000	10X20	252	KR2V100M1020ECH00000
15	10X20	324	KR2E150M1020ECH00000	10X20	308	KR2V150M1020ECH00000
22	13X20	428	KR2E220M1320ECH00000	13X20	414	KR2V220M1320ECH00000
33	13X20	570	KR2E330M1320ECH00000	16X20	568	KR2V330M1620FCH00000
47	13X25	680	KR2E470M1325ECH00000	16X25	728	KR2V470M1625FCH00000
68	16X25	904	KR2E680M1625FCH00000	16X30	944	KR2V680M1630FCH00000
100	16X30	1180	KR2E101M1630FCH00000	18X30	1180	KR2V101M1830FCH00000
150	18X30	1500	KR2E151M1830FCH00000			

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	90	KR2G2R2M0812DCH00000	8X16	88	KR2W2R2M0816DCH00000
3.3	8X16	108	KR2G3R3M0816DCH00000	8X16	99	KR2W3R3M0816DCH00000
4.7	8X16	130	KR2G4R7M0816DCH00000	10X16	110	KR2W4R7M1016ECH00000
5.6	10X16	170	KR2G5R6M1016ECH00000	10X16	150	KR2W5R6M1016ECH00000
6.8	10X16	200	KR2G6R8M1016ECH00000	10X20	180	KR2W6R8M1020ECH00000
8.2	10X20	230	KR2G8R2M1020ECH00000	10X20	215	KR2W8R2M1020ECH00000
10	10X20	252	KR2G100M1020ECH00000	13X20	230	KR2W100M1320ECH00000
15	13X20	380	KR2G150M1320ECH00000	13X25	340	KR2W150M1325ECH00000
22	13X25	450	KR2G220M1325ECH00000	16X20	420	KR2W220M1620FCH00000
33	16X20	590	KR2G330M1620FCH00000	16X25	580	KR2W330M1625FCH00000
47	16X25	756	KR2G470M1625FCH00000	18X25	720	KR2W470M1825FCH00000
68	16X30	944	KR2G680M1630FCH00000	18X30	900	KR2W680M1830FCH00000
100	18X30	1220	KR2G101M1830FCH00000	18X40	1180	KR2W101M1840FCH00000

	500V (2H)		
	Dimensions (mm)	Ripple Current (mA)	Part Number
10	13X20	240	KR2H100M1320ECH00000
15	13X25	300	KR2H150M1325ECH00000
22	16X25	380	KR2H220M1625FCH00000
33	18X25	520	KR2H330M1825FCH00000
47	18X30	720	KR2H470M1830FCH00000

Rated ripple current: (105℃, 100KHz)