高 林
GOLD LINK

RK SERIES

高温度标准品

HIGH TEMPERATURE STANDARD

■本系列适合一般高温度及信赖性较高之消费性产品。
■适用于一般民生电子设备、通讯设备或一般工业用产品等。
■TK series is fit for those consumer products which require high temperature and high reliability.
■Suitable for consumer electronic equipment,telecommunication equipment and genereal industrial products,etc.

Item	Characteristic	
使用温度范围 Operation Temperature Range	- 40 + 105℃	- 25 +105℃
额定电压 Ratad Working Voltage	6.3 ~ 100VDC	160 ~ 400 VDC
静电容量容差 (120HZ25℃) Capacitance Tolerance	± 20 % (M)	
漏泄电压(25℃) Leakage Current	1≤0.01CV or 3(uA) Whichever is greater after 3 minutes	1≤0.01CV + 10(uA) max I:Leakage Current (uA) C:Rated Capacitance(uF) V:Working Voltage

450涌浪电压(25℃) Surge Voltage														
	W V	6.3	10	16	25	35	50	63	100	160	200	250	350	400
	S V	8	13	20	32	44	63	79	125	200	250	300	400	450

散逸因素 (120HZ25℃) (tanσ) Dissipation Factor	Add 0.02 per 1000uF for more than 1000uF												
	W V	6.3	10	16	25	35	50	63	100	160	200	250	350	400
	tanσ	0.24	0.20	0.17	0.15	0.12	0.10	0.10	0.08	0.20	0.20	0.20	0.25	0.25

低温特性 Low Temperature Stability	Impedance ratio at 120HZ							
	Rated voltage(V)S	6.3	10	16	25	35100	160250	350450
	-25℃ / + 25℃	4	3	2	2	2	8	12
	-40℃ / + 25℃	10	8	6	4	3		

高温负荷特性 Load Life	After 2000houre appliction of W V at +105℃ the capacitor shall meet the following limits.	
	Capacitance Change	≤±20% of initial value for 6.316WV,≤±20% of initial value for 25-400WV
	Dissipatipn Factor	≤±200% of initial specified value
	Leakage Current	≤initial specified value

放置特性 Shelf life	At 105℃ no voltage applied after 500 hours the capacitor shall meet the following limits. After test requlrements at+25度 same limits as load life. pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.	
	Capacitance Change	≤±20% of initial value
	Dissipatipn Factor	≤200% of initial specified value
	Leakage Current	≤200% of initial specified value

ASE SIZE OF RADIAL TYPE

D	5	6	8	10	13	16	18
F	2.0	2.5	3.5	5.0		7.5	
d	0.5		0.6			0.8	

	6.3V	10V	16V	25V	35V	50V	63V	100V	160V	200V	250V	300V	350V	400V	450V
	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL	DXL
0.1-0.47								5X11	6X12	8X12	8X12	8X12	10X17	10X17	10X17
1								5X11	6X12	8X12	8X12	8X12	10X17	10X17	10X17
2.2								5X11	6X12	8X12	8X12	8X12	10X17	10X17	10X17
3.3								5X11	6X12	8X12	8X12	8X12	10X17	10X17	10X17
4.7								5X11	6X12	8X12	8X12	8X12	10X17	10X17	10X17
10							5X11	6X12	8X12	8X14	10X14	10X21	10X21	10X21	10X21
22						5X11	6X12	6X12	10X17	10X17	10X17	12X21	12X21	12X21	13X21
33						5X11	6X12	6X12	10X17	10X21	10X21	13X26	13X26	13X26	13X26
47				5X11	6X12	6X12	6X12	10X14	12X21	12X21	13X26	13X26	13X26	16X26	16X26
100			5X11	6X12	6X12	8X12	8X14	12X21	13X26	13X26	16X26	18X26	18X26	20X26	22X32
220			6X12	8X12	8X12	10X17	10X21	16X26	16X26	16X26	18X32	22X36	22X36	25X36	25X36
330		6X12	8X12	8X12	10X17	10X17	12X21	16X26	20X30	20X30	22X36	35X36	25X36	25X40	25X40
470	6X12	8X12	8X12	8X16	10X17	12X21	13X21	18X32	22X36	22X36	25X50	25X50	25X50	30X50	30X60
1000	8X14	8X16	10X14	10X21	12X21	13X26	16X26	22X32	25X50	25X50					
2200	10X17	10X17	12X21	13X21	16X22	16X32	18X32								
3300	12X21	12X21	13X21	16X21	16X32	16X36									
4700	13X21	12X21	13X26	16X26	18X32	22X36									
6800	13X26	13X26	16X26	18X32	22X32	25X36									
10000	16X26	16X26	16X32	18X36	22X40										