

YUSCON®

5000 HOURS LONG LIFE ASSURANCE

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[illegible]

*1. Voltage mark for 6.3V is [6V]	6.3V 的產品標識為 [6V]
*2. Applicable to Ø6.3x7.7	適用於 Ø6.3x7.7
*3. Applicable to Ø8x10.5-Ø10	適用於 Ø8x10.5-Ø10
*4. Applicable to Ø12.5-Ø16	適用於 Ø12.5-Ø16

KL Series

● DIMENSIONS(Unit:mm)

(ΦDxL)	4×5.4	5×5.4	6.3×5.4	6.3×7.7	8×6.2	8×10.5	10×10.5	10×13.5	12.5×13.5	12.5×16	16×16.5
A	1.8	2.1	2.4	2.4	3.3	2.9	3.2	3.2	4.7	4.7	5.5
B	4.3	5.3	6.6	6.6	8.3	8.3	10.3	10.3	13.0	13.0	17.0
C	4.3	5.3	6.6	6.6	8.3	8.3	10.3	10.3	13.0	13.0	17.0
E±0.2	1.0	1.3	2.2	2.2	3.1	3.1	4.4	4.4	4.4	4.4	6.7
L	5.4	5.4	5.4	7.7	6.2	10.5	10.5	13.5	13.5	16.0	16.5

■ DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT &IMPEDANCE

WV(Vdc)		6.3		10		16		25	
μF									
10	100					4×5.8	18	5×5.8	27
22	220		22	5×5.8	30	5×5.8	30	6.3×5.8	44
33	330	5×5.8	35	5×5.8	360 (315)	6.3×5.8	48	6.3×5.8	50
47	470	5×5.8	38	6.3×5.8	50	6.3×5.8	50	6.3×7.7 (8×6.2)	63
100	101	6.3×5.8	69	6.3×7.7 (8×6.2)	81	6.3×7.7 (8×6.2)	81	8×10.5	116
150	151	6.3×7.7 (8×6.2)	85	8×10.5	125	8×10.5	125	10×10.5	320
220	221	6.3×7.7 (8×6.2)	120	8×10.5	141	10×10.5	216	10×10.5	320
330	331	8×10.5	290	10×10.5	290	10×10.5	290	10×10.5	320
470	471	10×10.5	320	10×10.5	320	10×10.5	320	12.5×13.5 (10×13.5)	400 (350)
680	681	10×10.5	320	10×10.5	320	10×13.5	420	12.5×13.5	415
1000	102	10×10.5	410	10×13.5	390	12.5×13.5	550	12.5×13.5	460
1500	152	10×13.5	450	12.5×13.5	480	12.5×13.5	650	12.5×16	700
2200	222	12.5×13.5	680	12.5×16 (12.5×13.5)	750 (510)	16×16.5	800		
3300	332	12.5×16 (12.5×13.5)	850 (800)	16×16.5	800				

Rated Ripple Current (mA rms) at 105 °C 120Hz

Case Size: Φ D x L (mm)

KL Series

WV(Vdc) μF		35		50		63		100	
0.1	0R1			4×5.8	1.0				
0.22	R22			4×5.8	2.6				
0.33	R33			4×5.8	3.2				
0.47	R47			4×5.8	5				
1	0 10			4×5.8	8				
2.2	2R2			4×5.8	12				
3.3	3R3			4×5.8	17			6.3×7.7 ×6.2) (8	30 (30)
4.7	4R7	4×5.8	16	5×5.8	22			8×10.5	50
10	100	5×5.8	27	6.3×5.8	32	6.3×7.7 6.2) (8×	45 (45)	8×10.5	55
22	220	6.3×5.8	44	6.3×7.7 (8×6.2)	58 (58)	8×10.5	65	10×10.5	70
33	330	6.3×7.7 (8×6.2)	57 (57)	8×10.5	140	10×10.5	80	10×10.5	8
47	470	8×10.5	92	10×10.5	310	10×10.5	90	12.5×13.5 (10×13.5)	250 (150)
100	101	10×10.5	151	10×10.5	310	10×10.5	150	12.5×13.5	300
150	151	10×10.5	290	10×10.5	310			16×16.5 (12.5×16) (12.5×13.5)	600 (420) (380)
220	221	10×10.5	375	12.5×13.5 (10×13.5)	340 (320)	12.5×13.5	470		
330	331	12.5×13.5 (10×13.5)	380 (375)	12.5×16 (12.5×13.5)	600 (500)	16×16.5 (12.5× 16)	650 (550)		
470	471	12.5×13.5	520	16×16.5	700				
680	681	12.5×13.5	550						
1000	102	16×16.5 (12.5×16)	750 (600)						

Rated Ripple Current (mA_{rms}) at 105 °C 120Hz

Case Size: Φ D×L (mm)

□ FREQUENCY COEFFICIENT OF ALLOWABLE RIPPLE CURRENT

Frequency		50HZ	120HZ	300HZ	1KHZ	10KHZ~
Coefficient	Φ4~Φ10	0.70	1.00	1.17	1.36	1.50
	12.5~Φ16	~68μF	0.75	1.00	1.35	1.57
		100~470μF	0.80	1.00	1.23	1.35
		680~3300μF	0.85	1.00	1.10	1.13