I14081 (JA)

Snap-in Terminal Type, Long life Series

· Load life at 5000 hours at 85℃

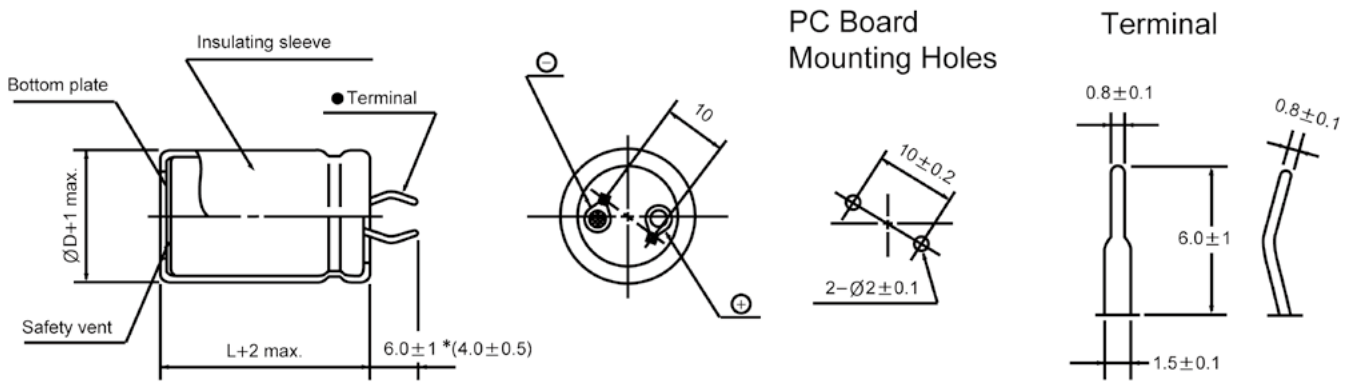
· Complied to the RoHS directive

Items	Performance characteristics
Operating temperature range	-40 ~ +85℃ (160V~250V); -25 ~ +85℃ (350V~450V)
Leakage current max.	I=3$\sqrt{CV}$ (μA) (after 5 minutes)
Capacitance tolerance	±20% at 120Hz, 20℃
Dissipation factor max. (at 120Hz, 20℃)	WV: 160 / 200 / 250 / 350 / 400 / 450 Tanδ: 0.15 / 0.15 / 0.15 / 0.15 / 0.15 / 0.20
Load life (after application of the rated voltage for 5000 hours at 85℃)	Leakage current: Less than specified value Capacitance change: Within ±20% of initial value Tanδ: Less than 200% of specified value
Shelf life (at 85℃)	After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value.

● DRAWING

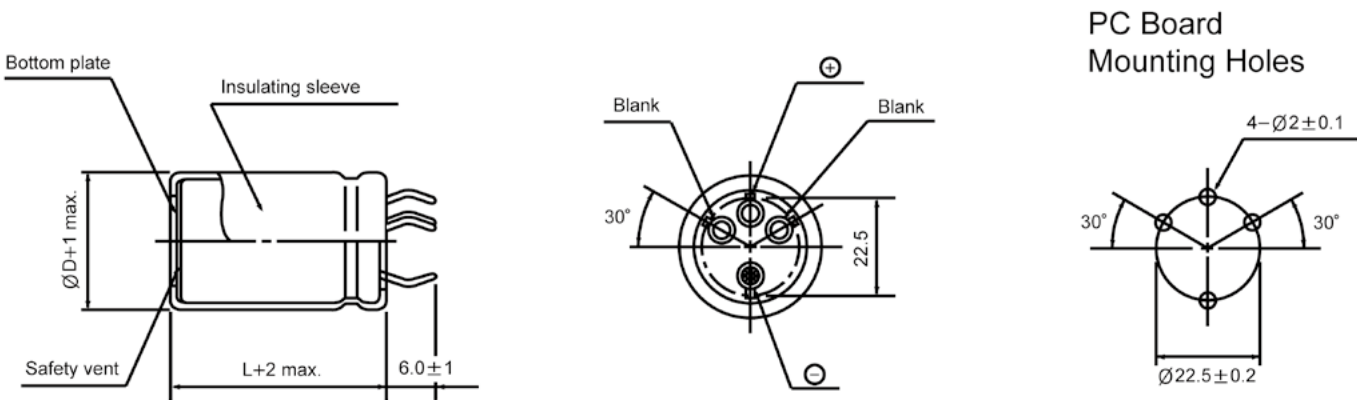
Unit : mm

ØD≤40



∗ Shorter terminal(4.0±0.5) is also available upon request.
Terminal length of height 20mm products is applied shorter terminal to standard terminal type.

ØD=35, 40



● FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

WV \ Frequency	50Hz	120Hz	300Hz	1kHz	10kHz≤
160 ~ 250	0.85	1.00	1.20	1.25	1.45
350 ~	0.85	1.00	1.15	1.20	1.40

I14081 (JA) Series

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV / μF	160		200		250	
150					22×20	0.97
180			22×20	0.91	22×20	1.06
220			22×20	1.18	22×25 25×20	1.24 1.22
270	22×20	1.30	22×25 25×20	1.37 1.35	22×25 25×25	1.50 1.32
330	22×25	1.50	22×25 25×20	1.51 1.49	22×30 25×25 30×20	1.66 1.61 1.58
390	22×25 25×20	1.63 1.62	22×25 25×25 30×20	1.73 1.71 1.71	22×35 25×30 30×25	1.88 1.88 1.86
470	22×30 25×20	1.86 1.86	22×30 25×25 30×20	1.97 1.95 1.88	22×35 25×35 30×25	2.15 2.15 2.04
560	22×30 25×25 30×20	2.15 2.15 2.05	22×35 25×30 30×25	2.18 2.15 2.15	22×40 25×35 30×25 35×25	2.48 2.35 2.35 2.35
680	22×35 25×30 30×25	2.35 2.33 2.33	22×40 25×30 30×25 35×25	2.48 2.48 2.48 2.33	22×50 25×40 30×30 35×25	2.61 2.67 2.71 2.58
820	22×40 25×30 30×25	2.68 2.65 2.64	22×45 25×35 30×30 35×25	2.81 2.79 2.80 2.83	25×45 30×35 35×30	3.01 2.98 2.96
1000	22×45 25×35 30×30 35×25	3.02 3.00 2.96 3.13	22×50 25×40 30×35 35×30	3.28 3.28 3.15 3.26	30×40 35×35	3.56 3.48
1200	22×50 25×40 30×30 35×25	3.47 3.43 3.41 3.40	25×45 30×35 35×30	3.61 3.61 3.57	30×45 35×35	3.99 3.84
1500	25×45 30×35 35×30	3.96 3.96 3.94	30×45 35×35	4.13 4.06	30×50 35×40	4.33 4.33
1800	30×40 35×35	4.31 4.28	30×50 35×40	4.60 4.59	35×50	4.76
2200	30×50 35×40	4.96 4.96	35×45	5.25		
2700	35×45	5.57				
3300	35×50	6.21				

Ripple current (A rms) at 85℃ , 120Hz
Case size ΦD×L (mm)

I14081 (JA) Series

● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

WV / μF	350		400		450	
56					22×20	0.61
68			22×20	0.65	22×20	0.71
82			22×20	0.85	22×25 25×20	0.86 0.84
100	22×20	0.80	22×25 25×20	0.99 0.82	22×25 25×25	0.95 0.97
120	22×25 25×20	1.04 0.90	22×25 25×20	1.09 1.13	22×30 25×25 30×20	1.07 1.09 1.12
150	22×25 25×25	1.20 1.22	22×30 25×25 30×20	1.24 1.27 1.20	22×35 25×30 30×25	1.18 1.25 1.29
180	22×30 25×25	1.34 1.37	22×30 25×25 30×25	1.41 1.44 1.52	22×35 25×35 30×25	1.32 1.40 1.45
220	22×30 25×30 30×25	1.47 1.53 1.54	22×35 25×30 30×25	1.58 1.64 1.66	22×40 25×35 30×25 35×25	1.48 1.59 1.64 1.59
270	22×35 25×30 30×25	1.70 1.73 1.80	22×40 25×35 30×30 35×25	1.65 1.79 1.82 1.63	22×50 25×40 30×30 35×25	1.88 1.87 1.89 1.90
330	22×45 25×35 30×30 35×25	1.87 1.97 2.03 1.80	22×50 25×40 30×30 35×25	1.95 2.00 2.05 2.05	25×45 30×35 35×30	2.12 2.12 2.15
390	22×50 25×40 30×30 35×25	2.08 2.14 2.23 2.30	25×45 30×35 35×30	2.12 2.26 2.28	30×40 35×35	2.23 2.29
470	25×45 30×35 35×30	2.55 2.53 2.55	25×50 30×40 35×30	2.46 2.51 2.51	30×45 35×35	2.68 2.68
560	25×50 30×40 35×35	2.64 2.73 2.75	30×45 35×35	2.85 2.85	35×40	2.88
680	30×45 35×35	3.15 3.15	30×50 35×40	3.01 3.01	35×50	3.44
820	35×40	3.47	35×50	3.31		
1000	35×45	3.65	Ripple current (A rms) at 85℃ , 120Hz Case size ΦD×L (mm)			