LARGE CAN TYPE

Series

Snap-in Terminal Type, Miniature Sized

JAMICON

- Smaller case sized than LP series.
- Withstanding 2000 hours application of high ripple current at 85°C.

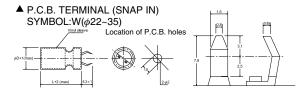


SPECIFICATION

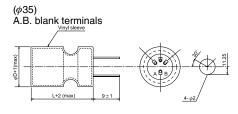
Item								Char	acteris	tic							
Operation Temperature Range								-40	~ +85°	С							
Rated Working Voltage								16 ~	500VE	С							
Capacitance Tolerance (120Hz 20°C)							±2	0%(M))							
Leakage Current (20°C)	I ≦0.02		`	,	*Whichever is smaller after 5 minutes C : Rated Capacitance(μ F) V : Working Voltage(V)												
Surge Voltage	W.V.	16	25	35	50	63	80	100	160	180	200	250	35	50	400	450	500
(20°C)	S.V.	20	32	44	63	79	100	125	200	225	250	300	40	00	450	500	550
	Rated Volta	age (V)	16	25	3	5	5	50		63		0	10	00		≧160	
Dissipation Factor (tan δ) (120Hz 20°C)	Capacitance			_	≦22,000	≧33,000	≦6,800	≧10,000	≦6,800	≧10,000	≦2,200	≧3,300	≦3,300	≧4,700			
(120112 20 0)	$tan \delta$	$ an\delta$		0.40	.40 0.35 0		0.30	0.30 0.35		0.35 0.20		0.25	0.20 0.25		0.15		
	Impedance ratio at 120Hz																
Low Temperature Stability	Rated V	oltage	(V)		16~100				160~250				350~500				
Low remperature stability	-25°C / +	⊦20°C			4			6				8					
	-40°C / +	⊦20°C			15					_	_						
	After 20 limits. (I									ent val	ue, the	e capa	citor sh	nall me	et the	follow	ing
Load Life	Capacit	ance (Change	9 ≦	±15%	of initi	al valu	ie									
	Dissipa	tion Fa	ctor	≦	175%	of initia	al spec	ified v	alue								
	Leakag	e curre	ent	≦	initial s	specifie	ed valu	ie									
Shelf Life	At +85°0 characte		-				0 hour	s, the o	capacit	or shal	l meet	the lim	its for I	oad life)		

TERMINAL TYPE

▲ P.C.B. TERMINAL

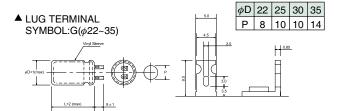


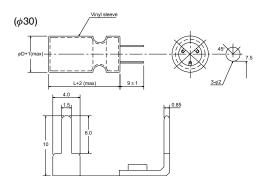
SYMBOL:V(φ25~35) (φ25) νίτη/ Sleeve φD+1(max) 9±1



RIPPLE CURRENT COEFFICIENTS

Temperature(°C)	40	60	70	85
Multiplier	1.80	1.40	1.20	1.00





Frequency(Hz)	60	60 120 400 1k							
W.V.			Multiplie	r					
≦100V	0.80	1.00	1.10	1.20	1.20				
≧160V	0.80	1.00	1.10	1.30	1.40				







CASE S	17E 8.	DIDE	ase size		: DXL			(mm)							
UAGE C	LIVI	М	ax ripple	e curren	t:A(rm	ıs) 8	35°C	120Hz							
	V(Code)		16 ((1C)			25 ((1E)		35 (1V)					
μF	ϕD	22	25	30	35	22	25	30	35	22	25	30	35		
2222	000									25					
3300	332									2.04					
						25				30	25				
4700	472					2.25				2.41	2.30				
2222	000	25				30	25			35	30	25			
6800	682	2.40				2.69	2.56			2.82	2.70	2.66			
10000	1.00	30	25			35	30	25		45	35	30	25		
10000	103	2.81	2.67			3.09	2.97	2.92		3.34	3.06	3.04	3.28		
		40	30	25		45	35	30	25		50	35	30		
15000	153	3.43	3.11	3.07		3.70	3.39	3.37	3.63		4.06	3.67	3.98		
			45	30	25		45	35	30			45	40		
22000	223		4.25	3.78	4.09		4.48	4.25	4.61			4.94	5.41		
00000	000			45	35			50	40			L(mm)	50		
33000	333			5.48	5.67			6.05	6.33			R.C.	7.27		

	V(Code)		50 ((1H)			63	(1J)			80	(1K)		100 (2A)				
μF	ϕD	22	25	30	35	22	25	30	35	22	25	30	35	22	25	30	35	
1000	100									25				30	25			
1000	102									1.50				1.71	1.63			
1000	100													35	30			
1200	122													2.01	1.93			
1500	150					25				30	25			35	30	25		
1500	152					1.66				1.88	1.79			2.11	2.03	2.00		
4000	100													45	35	30		
1800	182													2.59	2.37	2.35		
2222	000	25				30	25			40	30	25		50	40	30	25	
2200	222	1.92				2.08	1.98			2.45	2.22	2.19		2.84	2.64	2.47	2.66	
2222	000	30	25			35	30	25		50	40	30	25		50	40	30	
3300	332	2.35	2.24			2.51	2.41	2.38		3.05	2.83	2.65	2.86		3.25	3.11	3.19	
4700	470	35	30	25		45	35	30	25		50	40	30			50	40	
4700	472	2.72	2.62	2.58		3.04	2.79	2.77	2.99		3.36	3.21	3.30			3.65	3.82	
2222	000	50	40	30	25		50	35	30			50	40				50	
6800	682	3.45	3.20	3.00	3.23		3.53	3.19	3.46			3.80	3.98				4.48	
	100		50	35	30			45	40									
10000	103		3.70	3.35	3.64			3.72	4.08									
				50	40				50									
15000	153			4.61	4.83				5.30									
	100				45													
18000	183				5.55													
					50												L(mm)	
22000	223				6.42												R.C.	



JAMICON

CASE SIZE & MAX RIPPLE CURRENT

Case size : D x L (mm) Max ripple current : A(rms) 85°C 120Hz

	V(Code)		160	(2C)			180	(2M)			200	(2D)		250 (2E)				
μF	ϕD	22	25	30	35	22	25	30	35	22	25	30	35	22	25	30	35	
220	221									25				25				
220	221									1.25				1.31				
270	271									25				30	25			
270	271									1.67				1.57	1.57			
330	331					25				30	25			35	30			
330	331					1.31				1.66	1.66			1.85	1.87			
390	391	25				30	25			30	25			35	30	25		
390	391	1.44				1.54	1.54			1.80	1.80			2.01	2.03	2.10		
470	471	30	25			30	25			35	30	25		40	35	25	25	
470	4/1	1.70	1.70			1.69	1.69			2.11	2.13	2.21		2.34	2.38	2.31	2.54	
560	561	35	30			35	30	25		40	35	25		50	40	30	25	
300	301	1.99	2.23			1.97	1.99	2.06		2.44	2.48	2.41		2.82	2.74	2.71	2.78	
680	681	40	30	25		40	35	25		45	35	30	25		45	35	30	
000	001	2.32	2.21	2.29		2.30	2.34	2.27		2.83	2.73	2.85	2.92		3.19	3.18	3.28	
820	001	45	35	30		45	40	30	25		40	30	25		50	40	30	
620	821	2.68	2.58	2.70		2.67	2.72	2.68	2.75		3.17	3.13	3.21		3.67	3.69	3.60	
1000	100	50	40	30	25		45	35	25		50	35	30			45	35	
1000	102	3.11	3.02	2.98	3.05		3.16	3.15	3.04		3.87	3.68	3.80			4.28	4.22	
1000	100		45	35	30		50	40	30			40	35			50	40	
1200	122		3.49	3.48	3.59		3.63	3.65	3.56			4.26	4.42			4.91	4.88	
1500	150			40	35			45	35				40				50	
1500	152			4.11	4.26			4.15	4.09				5.02				5.74	
1000	100			45	35				40				50				L(mm)	
1800	182			4.73	4.67				4.73				6.04				R.C.	

	V(Code)		350	(2V)			400	(2G)			450	(2W)		500 (2H)				
μF	ϕD	22	25	30	35	22	25	30	35	22	25	30	35	22	25	30	35	
	1					25				30	25			35	30	25		
82	820					0.76				0.83	0.83			0.73	0.74	0.76		
100	101	25				30	25			35	30	25		40	30	25		
100	101	0.73				0.91	0.91			0.97	0.98	1.02		0.85	0.81	0.84		
100	101	30	25			30	25			40	30	25		45	35	30		
120	121	0.86	0.86			1.00	1.00			1.13	1.08	1.12		0.99	0.95	0.99		
150	454	30	25			35	30	25		45	35	30		50	40	35	30	
150	151	0.96	0.96			1.19	1.20	1.25		1.33	1.28	1.34		1.15	1.12	1.18	1.22	
100		35	30	25		40	35	25		50	40	30	25		45	40	30	
180	181	1.13	1.14	1.18		1.38	1.40	1.37		1.53	1.49	1.47	1.50		1.30	1.37	1.33	
000	004	40	35	25		50	40	30	25		45	35	30		50	45	35	
220	221	1.32	1.34	1.30		1.69	1.64	1.62	1.66		1.73	1.72	1.78		1.50	1.59	1.57	
		50	40	30	25		45	35	30			40	35			50	45	
270	271	1.61	1.57	1.55	1.59		1.92	1.91	1.97			2.02	2.10			1.84	1.92	
			45	35	30		50	40	30			45	35				45	
330	331		1.82	1.82	1.88		2.22	2.23	2.18			2.35	2.32				2.13	
222	004		50	40	30			45	35				40				50	
390	391		2.08	2.10	2.04			2.55	2.52				2.66				2.42	
470				40	35				40				45					
470	471			2.30	2.38				2.92				3.07					
				50	40				45									
560	561			2.76	2.75				3.34									
					45				50								L(mm)	
680	681				3.18				3.85								R.C.	