

D02 Aluminum Electrolytic Capacitor-Through hole

ROHS

FEATURES

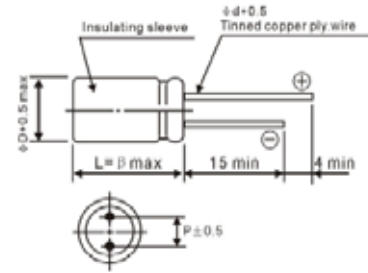
Operating temperature range -40 ~ +85

Leakage current max. $I=0.01CV$ or $4\mu A$ whichever is greater (after 1 minute)Capacitance tolerance $\pm 20\%$ at 120Hz, 20

RATING AND CHARACTERISTIC

Dissipation factor max. (at 120Hz, 20)

MV	4	6.3	10	10	16	25	35.4	50	63
tan	0.36	0.24	0.2	0.2	0.16	0.14	0.12	0.1	0.1



Nominal capacitance, rated voltage and case size table

WV mm	6.3	10	16	25	35	50	63	100
DxL μF								
0.1	--	--	--	--	--	5x11	5x11	5x11
0.15	--	--	--	--	--	5x11	5x11	5x11
0.22	--	--	--	--	--	5x11	5x11	5x11
0.33	--	--	--	--	--	5x11	5x11	5x11
0.47	--	--	--	--	--	5x11	5x11	5x11
0.68	--	--	--	--	--	5x11	5x11	5x11
1	--	--	--	--	--	5x11	5x11	5x11
1.5	--	--	--	--	--	5x11	5x11	5x11
2.2	--	--	--	--	--	5x11	5x11	5x11
3.3	--	--	--	--	--	5x11	5x11	5x11
4.7	--	--	--	--	--	5x11	5x11	5x11
6.8	--	--	--	5x11	5x11	5x11	5x11	6x11
10	--	5x11	5x11	5x11	5x11	5x11	5x11	6x11
22	--	5x11	5x11	5x11	5x11	5x11	6x12	8x11
33	5x11	5x11	5x11	5x11	6x12	6x12	8x12	10x14
47	5x11	5x11	5x11	5x11	6x12	8x12	8x12	10x14
68	5x11	5x11	5x11	6x12	6x12	8x12	8x12	12x21
100	5x11	5x11	5x11	6x12	8x12	8x12	8x12	12x21
220	5x11	6x12	6x12	8x12	8x16	10x17	10x20	13x24
330	8x12	8x12	8x12	8x16	8x17	10x20	13x21	16x30
470	8x12	8x12	8x14	8x16	10x17	13x21	13x21	16x30
680	8x12	8x16	10x17	10x20	13x26	16x26	16x31	--
1000	8x14	8x16	10x17	10x20	13x26	16x26	16x31	--
2200	10x16	10x20	13x21	13x26	16x26	18x36	--	--
3300	12x21	13x21	13x26	16x26	16x36	18x36	--	--
4700	13x24	13x26	16x26	16x36	18x36	22x42	--	--
6800	16x26	16x26	16x32	18x36	--	--	--	--
10000	16x36	--	18x40	22x38	--	--	--	--

Case size of the products can be changed according to customer's requirement

Nominal capacitance, rated voltage and case size table

WV mm	160	200	250	350	400
DxL μ F					
0.1	--	--	--	--	--
0.15	--	--	--	--	--
0.22	--	--	--	--	--
0.33	--	--	--	--	--
0.47	--	--	--	6x11	6x11
0.68	--	--	--	6x11	6x11
1	5x11	6x11	6x12	6x11	6x11
1.5	6x11	6x11	8x12	6x12	8x12
2.2	6x11	6x11	8x12	8x12	8x12
3.3	6x12	8x11	8x16	10x12	10x12
4.7	8x11	8x12	8x16	10x16	10x14
6.8	8x12	10x12	10x16	10x16	10x20
10	8x12	10x16	10x16	10x20	10x20
15	10x16	10x16	12x21	12x21	13x24
22	10x16	10x20	12x21	13x24	13x24
33	12x24	13x21	16x26	16x26	16x26
47	12x24	13x24	16x26	16x31	16x36
68	13x24	13x24	18x32	16x35	18x36
100	16x26	16x26	18x32 18x	18x40	22x30
150	18x30	18x32	--	26x50	25x40
220	18x36	18x36	--	--	30x40
330	18x40	22x35	--	--	35x45
470	22x46	26x40	--	--	35x60
680	--	--	--	--	--
1000	--	--	--	--	--
1500	--	--	--	--	--
2200	--	--	--	--	--
3300	--	--	--	--	--
4700	--	--	--	--	--
6800	--	--	--	--	--
10000	--	--	--	--	--

Case size of the products can be changed according to customer's requirement