

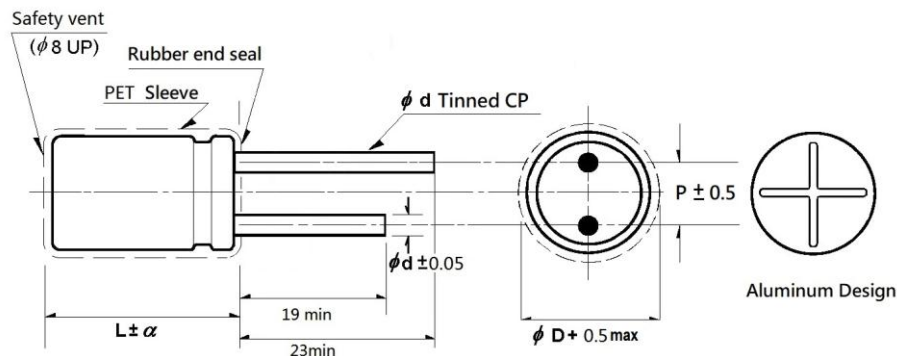
NON-POLARIZED (BI-POLARIZED)

RADIAL Type ALUMINUM ELECTROLYTIC CAPACITORS

M.D.L.®

■ 1)Dimensions(外觀型式):

Unit (mm)



φ D	8	10	13	16	18	22	25
φ d	0.5	0.6	0.6	0.8	0.8	0.8	0.8
P	3.5	3.5	5.0	5.0	7.5	7.5	10
α	1.0	1.0	1.5	1.5	1.5	1.5	2.0

- 2) Capacitance Tolerance (容量誤差) : **± 5% (J) or ± 10% (K) at 1KHZ**
- 3) Leakage Current (洩漏電流) : **MAX. 0.03CV + 3μA** After 5 minutes application of rated working voltage (MAX.0.03CV + 3μA, 印加額定電壓5分鐘後測定)
- 4) Temp Range (工作溫度範圍) : **- 40°C ~ + 105°C**
- 5) Load Life (壽命測試) : After **1,000** hours application of rated voltage at **105 ± 2°C**, capacitors meet the characteristics requirement listed at right. (以下數值是在印加額定電壓及105±2°C於1,000小時後測定)
 - (a) Capacitance change: Within ±25% of initial (電容量改變: 不超過±25%的初始值)
 - (b) Tan δ: 200% or less of initial specified (損失角: 不超過200%的初始值)
 - (c) Leakage current : Install specified value or less (洩漏電流: 不超過初期規格)

MAX Dissipation Factor (最大損失角): MAX 3% at 1KHz

B03R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	13*21	B03R-050K0101321	13*21	B03R-100K0101321
1.5	13*21	B03R-050K1R51321	13*21	B03R-100K1R51321
2.2	13*21	B03R-050K2R21321	13*26	B03R-100K2R21326
3.3	13*21	B03R-050K3R31321	13*26	B03R-100K3R31326
4.7	13*26	B03R-050K4R71326	13*26	B03R-100K4R71326
6.8	13*26	B03R-050K6R81326	13*26	B03R-100K6R81326
8.2	13*26	B03R-050K8R21326	13*26	B03R-100K8R21326
10	13*26	B03R-050K1001326	13*26	B03R-100K1001326
15	16*27	B03R-050K1501627	16*27	B03R-100K1501627
22	16*27	B03R-050K2201627	16*27	B03R-100K2201627
33	16*27	B03R-050K3301627	16*27	B03R-100K3301627
47	16*27	B03R-050K4701627	16*38	B03R-100K4701638
56	16*38	B03R-050K5601638	16*38	B03R-100K5601638
68	18*38	B03R-050K6801838	18*38	B03R-100K6801838
82	22*38	B03R-050K8202238	22*38	B03R-100K8202238
100	22*38	B03R-050K1012238	22*38	B03R-100K1012238

MAX Dissipation Factor (最大損失角) : MAX 4% at 1KHz

B04R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	13*21	B04R-050K0101321	13*21	B04R-100K0101321
1.5	13*21	B04R-050K1R51321	13*21	B04R-100K1R51321
2.2	13*21	B04R-050K2R21321	13*21	B04R-100K2R21321
3.3	13*21	B04R-050K3R31321	13*26	B04R-100K3R31326
4.7	13*26	B04R-050K4R71326	13*26	B04R-100K4R71326
6.8	13*26	B04R-050K6R81326	13*26	B04R-100K6R81326
8.2	13*26	B04R-050K8R21326	13*26	B04R-100K8R21326
10	13*26	B04R-050K1001326	13*26	B04R-100K1001326
15	13*26	B04R-050K1501326	13*26	B04R-100K1501326
22	13*26	B04R-050K2201326	13*26	B04R-100K2201326
33	13*26	B04R-050K3301326	16*27	B04R-100K3301627
47	16*27	B04R-050K4701627	16*27	B04R-100K4701627
56	16*27	B04R-050K5601627	16*27	B04R-100K5601627
68	16*32	B04R-050K6801632	16*32	B04R-100K6801632
100	16*38	B04R-050K1011638	18*38	B04R-100K1011838
120	16*38	B04R-050K1211638	22*38	B04R-100K1212238

MAX Dissipation Factor (最大損失角) : MAX 5% at 1KHz

B05R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	10*20	B05R-050K0101020	10*20	B05R-100K0101020
1.5	10*20	B05R-050K1R51020	10*20	B05R-100K1R51020
2.2	10*20	B05R-050K2R21020	10*20	B05R-100K2R21020
3.3	10*20	B05R-050K3R31020	10*20	B05R-100K3R31020
4.7	10*20	B05R-050K4R71020	10*20	B05R-100K4R71020
6.8	10*20	B05R-050K6R81020	13*21	B05R-100K6R81321
8.2	13*21	B05R-050K8R21321	13*21	B05R-100K8R21321
10	13*21	B05R-050K1001321	13*21	B05R-100K1001321
15	13*21	B05R-050K1501321	13*21	B05R-100K1501321
20	13*21	B05R-050K2001321	13*21	B05R-100K2001321
22	13*21	B05R-050K2201321	13*21	B05R-100K2201321
33	13*26	B05R-050K3301326	13*26	B05R-100K3301326
47	13*26	B05R-050K4701326	13*26	B05R-100K4701326
56	13*26	B05R-050K5601326	16*27	B05R-100K5601627
68	16*27	B05R-050K6801627	16*32	B05R-100K6801632
100	16*27	B05R-050K1011627	16*32	B05R-100K1011632
150	16*38	B05R-050K1511638	18*38	B05R-100K1511838

MAX Dissipation Factor (最大損失角) : MAX 6% at 1KHz

B06R SERIES RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	10*15	B06R-050K0101015	10*15	B06R-100K0101015
1.5	10*15	B06R-050K1R51015	10*15	B06R-100K1R51015
2.2	10*15	B06R-050K2R21015	10*15	B06R-100K2R21015
3.3	10*15	B06R-050K3R31015	10*15	B06R-100K3R31015
4.7	10*15	B06R-050K4R71015	10*15	B06R-100K4R71015
6.8	10*15	B06R-050K6R81015	10*20	B06R-100K6R81020
10	10*20	B06R-050K1001020	10*20	B06R-100K1001020
15	13*21	B06R-050K1501321	13*21	B06R-100K1501321
22	13*21	B06R-050K2201321	13*21	B06R-100K2201321
33	13*21	B06R-050K3301321	13*26	B06R-100K3301326
47	13*26	B06R-050K4701326	13*26	B06R-100K4701326
56	13*26	B06R-050K5601326	13*26	B06R-100K5601326
68	16*27	B06R-050K6801627	16*27	B06R-100K6801627
100	16*27	B06R-050K1011627	16*32	B06R-100K1011632
150	16*38	B06R-050K1511638	18*38	B06R-100K1511838
200	16*38	B06R-050K2011638	22*38	B06R-100K2012238

MAX Dissipation Factor (最大損失角) : MAX 10% at 1KHz

B10R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	8*13	B10R-050K0100813	8*13	B10R-100K0100813
1.5	8*13	B10R-050K1R50813	8*13	B10R-100K1R50813
2.2	8*13	B10R-050K2R20813	8*13	B10R-100K2R20813
3.3	8*13	B10R-050K3R30813	8*13	B10R-100K3R30813
4.7	8*13	B10R-050K4R70813	8*13	B10R-100K4R70813
6.8	8*13	B10R-050K6R80813	8*13	B10R-100K6R80813
10	8*15	B10R-050K1000815	10*15	B10R-100K1001015
15	10*15	B10R-050K1501015	10*15	B10R-100K1501015
22	10*20	B10R-050K2201020	10*20	B10R-100K2201020
33	13*21	B10R-050K3301321	13*21	B10R-100K3301321
47	13*21	B10R-050K4701321	13*21	B10R-100K4701321
68	13*26	B10R-050K6801326	13*26	B10R-100K6801326
100	13*26	B10R-050K1011326	16*27	B10R-100K1011627
150	13*26	B10R-050K1511326	16*27	B10R-100K1511627
220	16*32	B10R-050K2211632	16*38	B10R-100K2211638
250	16*32	B10R-050K2511632	18*38	B10R-100K2511838
300	16*32	B10R-050K3011632	22*42	B10R-100K3012242
350	16*32	B10R-050K3511632	22*42	B10R-100K3512242
470	18*38	B10R-050K4711838	25*44	B10R-100K4712544

MAX Dissipation Factor (最大損失角) : MAX 12% at 1KHz

B12R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	5*11	B12R-050K0100511	6.3*11	B12R-100K0106311
1.5	5*11	B12R-050K1R50511	6.3*11	B12R-100K1R56311
2.2	5*11	B12R-050K2R20511	6.3*11	B12R-100K2R26311
3.3	5*11	B12R-050K3R30511	6.3*11	B12R-100K3R36311
4.7	5*11	B12R-050K4R70511	6.3*11	B12R-100K4R76311
6.8	6.3*11	B12R-050K6R86311	8*13	B12R-100K6R80813
10	8*13	B12R-050K1000813	8*13	B12R-100K1000813
15	8*13	B12R-050K1500813	8*15	B12R-100K1500815
22	10*15	B12R-050K2201015	10*15	B12R-100K2201015
33	10*20	B12R-050K3301020	10*20	B12R-100K3301020
47	10*20	B12R-050K4701020	13*21	B12R-100K4701321
68	13*21	B12R-050K6801321	13*26	B12R-100K6801326
100	13*21	B12R-050K1011321	13*26	B12R-100K1011326
150	13*26	B12R-050K1511326	16*27	B12R-100K1511627
220	16*32	B12R-050K2211632	16*38	B12R-100K2211638
250	16*32	B12R-050K2511632	18*38	B12R-100K2511838
300	16*32	B12R-050K3011632	22*42	B12R-100K3012242
330	16*32	B12R-050K3311632	22*42	B12R-100K3312242
470	18*38	B12R-050K4711838	25*44	B12R-100K4712544
600	18*38	B12R-050K6011838	25*44	B12R-100K6012544

MAX Dissipation Factor (最大損失角) : MAX 15% at 1KHz

B15R Series RADIAL Type

CAP(μF)	50 V		100 V	
	Size : φD*L(mm)	M.D.L. Code	Size : φD*L(mm)	M.D.L. Code
1.0	6*11	B15R-050K0100611	6*11	B15R-100K0100611
1.5	6*11	B15R-050K1R50611	6*11	B15R-100K1R50611
2.2	6*11	B15R-050K2R20611	6*11	B15R-100K2R20611
3.3	6*11	B15R-050K3R30611	6*11	B15R-100K3R30611
4.7	6*11	B15R-050K4R70611	6*11	B15R-100K4R70611
5.6	6*11	B15R-050K5R60611	8*13	B15R-100K5R60813
6.8	6*11	B15R-050K6R80611	8*13	B15R-100K6R80813
8.2	8*13	B15R-050K8R20813	8*13	B15R-100K8R20813
10	8*13	B15R-050K1000813	8*13	B15R-100K1000813
15	8*13	B15R-050K1500813	10*15	B15R-100K1501015
22	10*15	B15R-050K2201015	10*15	B15R-100K2201015
33	10*20	B15R-050K3301020	10*20	B15R-100K3301020
47	10*20	B15R-050K4701020	10*20	B15R-100K4701020
68	10*20	B15R-050K6801020	13*21	B15R-100K6801321
75	13*21	B15R-050K7501321	13*21	B15R-100K7501321
82	13*21	B15R-050K8201321	13*26	B15R-100K8201326
100	13*21	B15R-050K1011321	13*26	B15R-100K1011326
120	13*21	B15R-050K1211321	16*27	B15R-100K1211627
150	13*26	B15R-050K1511326	16*27	B15R-100K1511627
220	13*26	B15R-050K2211326	16*27	B15R-100K2211627