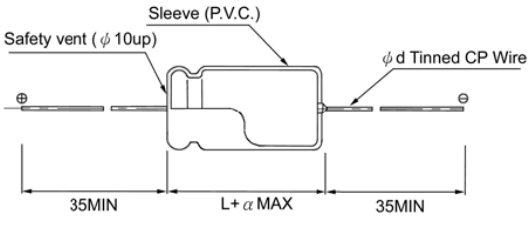
MDIN(L) SERIES

Axial Leads, BI-POLAR 85℃卧式无极性喇叭、音箱分音器 1KHz专用
Test frequency at 1KHz for DF＆Capacitance.
Designed specifically for speaker crossover networks application.

SPECIFICATION:

ITEM项目	Performance Characteristics 特性				
Rated Voltage(vdc) 定格电压范围	50v , 100v DC				
Operating Temperature range 使用温度范围	-40℃ ～ +85℃				
Capacitance Tolerance 电容量容许差	±20%(M) , ±10%(K),at 1KHz ,20℃				
Leakage Current 漏泄电流	I=0.03CV or 4uA, whichever is greater after 5minutes application of rated voltage I=Leakage C=Rated capacitance V=Working voltage				
Dissipation Factor 1KHZ 20℃ 损失角之正接	Characteristics / Code	S	A	B	Measured at 1KHz
	DF(Tan δ)	15%	12%	10%	
Load Life 高温负载寿命	After 1,000 hours application of rated voltage at 85℃,reversing polarity at each 250 hours, capacitors meet the characteristics requirements mentioned below				
	Capacitance Change	Within 25% of initial value			
	DF(tan δ)	200% or less of initial specified value			
	Leakage Current	Initial specified value or less			
Shelf Life 高温无负载寿命	At +85℃no voltage applied after 500 hours the capacitor shall meet the following limits				
	Capacitance Change	Within 25% of initial value			
	DF(tan δ)	200% or less of initial specified value			
	Leakage Current	200% or less of initial specified value			

Dimensions (mm)



φD	6.3 ～ 13	16 ～ 22	25
φd	0.6	0.8	0.8
α	1.5		

RICHEY ALUMINUM ELECTROLYTIC CAPACITORS MDIN(L) SERIES

Standard Products Table 寸法表 ϕDxL(mm)

WV	50v			100v	
Cap	S (DF:15%)	A (DF:12%)	B (DF:10%)	A (DF:12%)	B (DF:10%)
1	6.3x13	6.3x16	8x16	8x16	8x16
1.5	6.3x13	6.3x16	8x16	8x16	8x16
2.2	6.3x13	6.3x16	8x16	8x16	8x16
2.7	6.3x13	6.3x16	8x16	8x16	8x16
3.3	6.3x13	6.3x16	8x16	8x16	10x21
3.9	6.3x13	6.3x16	8x16	8x16	10x21
4.7	6.3x13	8x16	8x16	8x16	10x21
5.6	6.3x16	8x16	8x16	10x21	10x21
6.8	6.3x16	8x16	10x21	10x21	10x21
7.5	6.3x16	8x16	10x21	10x21	10x21
8.2	6.3x16	8x16	10x21	10x21	10x21
10	8x16	10x21	10x21	10x21	10x21
12	8x16	10x21	10x21	10x21	10x21
15	8x16	10x21	10x21	10x21	13x26
18	8x20	10x21	10x21	13x26	13x26
22	8x20	10x21	10x21	13x26	13x26
27		10x21	13x26	13x26	13x26
33		10x21	13x26	13x26	13x26
39		13x26	13x31	13x31	13x31
47	10x26	13x26	13x31	13x31	13x31
56		13x26	13x31	13x31	13x31
68		13x26	13x31	13x31	13x31
75		13x31	13x31	13x31	13x31
82		13x31	13x31	13x31	16x36
100		13x31	13x31	16x36	16x36
120		13x31	13x31	16x36	16x36
150		13x31	16x36	16x41	16x41
180		16x36	16x36	16x41	16x41
220		16x36	16x36	18x41	18x41
250		16x36	16x36	18x41	18x41
270		16x36	16x31	18x41	18x41
330		16x36	16x41	22x46	22x46
390		16x41	16x41	22x46	22x46
470		18x41	18x41	25x51	25x51
560		18x41	22x46	25x51	25x51
680		22x46	25x46	25x56	25x56
750		22x46	25x46	25x56	25x56
820		25x46	25x46	25x56	25x56
1000		25x51	25x51	25x61	25x61

Specific capacitance value or size may acceptable per request

Indicating the right P/N :

Example: MDIN(L)-1021-22-50-M(B)

(B): The last digit stands for characteristic/DF code