

RX

RX Series Aluminum Electro



Feature

- * : 105°C 2000
Load life: 105°C 2000 hours.
- *
Wide operating temperature range
- * RoHS
Compliant to the RoHS Directive



Application

- *
Ideally suited for switching power



Part Number

8
2
2
0
L
F

② ③

Code	Voltage
LO	4
LA	6.3
LB	10
LC	16
LD	25
LE	35
LF	50
LG	63

◆
Product Structure

(mm)	±0.5			±1.0				
D(mm)	5	6.3	8	10	12.5	16	18	22
F±0.5(mm)	2.	2.5	3.5	5.0		7.5		10.0
d±0.1(mm)	0.5		0.6			0.8		
L(mm)	11,12	12,16	12,16,	16,20,25	16,20,25,30,35	20,25,30,35,40	25,30,35,40	
	L±2.0							

◆
Main specifications

Item	Performance Characteristics	
Rated Voltage Range	6.3~100V.DC	160~450V.DC

Temperature Stability	<table border="1"> <tr> <td colspan="2">额定工作电压(V) Rated working voltage</td> <td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td><td>160~250</td><td>350~450</td> </tr> <tr> <td>阻抗比(120Hz)</td> <td>z-25℃/z+25℃</td> <td>4</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>3</td><td>6</td> </tr> <tr> <td>Impedance Ratio</td> <td>z-40℃/z+25℃</td> <td>8</td><td>6</td><td>4</td><td>4</td><td>3</td><td>3</td><td>3</td><td>3</td><td>--</td><td>--</td> </tr> </table>											额定工作电压(V) Rated working voltage		6.3	10	16	25	35	50	63	100	160~250	350~450	阻抗比(120Hz)	z-25℃/z+25℃	4	3	2	2	2	2	2	2	3	6	Impedance Ratio	z-40℃/z+25℃	8	6	4	4	3	3	3	3	--	--
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Load life	<p>+105℃ 2000 ,</p> <p>After application of rated working voltage with max permissible ripple current specified at +105℃ for 2000 hours, capacitors meet the characteristics requirements measured at +20℃ listed at below:</p> <p>1 :±20% Capacitance change : ±20% initial measured value</p> <p>2 : Leakage current: initial specified value</p> <p>3 200% Dissipation factor: 200% initial specified value</p> <table border="1"> <thead> <tr> <th>Case Dia</th> <th>hrs Life Time</th> </tr> </thead> <tbody> <tr> <td>D 8</td> <td>1000</td> </tr> <tr> <td>D 10</td> <td>2000</td> </tr> </tbody> </table>											Case Dia	hrs Life Time	D 8	1000	D 10	2000																														
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Shelf life	<p>+105℃ 1000 , JIS-C-5101-4 30min,, 24 48 :</p> <p>After leaving capacitors under no load at +105℃for 1000 hours, According to JIS-C-5101-4, apply the rated DC voltage for 30 minutes and store the capacitors under room temperature for 24-48 hours. The capacitors meet the characteristics listed as below:</p> <p>1 :±20% Capacitance change : ±20% initial measured value</p> <p>2 : Leakage current: initial specified value</p> <p>3 200% Dissipation factor: 200% initial specified value</p>																																														


Dimensions and ripple current and frequency coefficient
Ripple current frequency coefficient

Freq Hz C.V(μF.V)	50 (60)	100 (120)	1K	10K
0.1~1.5	0.50	1.00	1.30	1.50
2.2~6.8	0.65	1.00	1.30	1.50
10~68	0.80	1.00	1.30	1.50
100~1500	0.80	1.00	1.15	1.20
2200~3300	0.80	1.00	1.10	1.15

M ELECTROLYTIC CAPACITOR

35		50		63		100	
	(2)	(1)	(2)	(1)	(2)	(1)	(2)
		5×11	10	5×11	10	5×11	11
		5×11	13	5×11	17	5×11	15
		5×11	16	5×11	17	5×11	17
		5×11	20	5×11	27	5×11	21
		5×11	25	5×11	28	5×11	29
		5×11	32	5×11	32	5×11	32
		5×11	38	5×11	40	5×11	46
38	5×11	47	5×11	48	6.3×12	54	
38	5×11	52	5×11				

*

Bulk packaging quantity

D(mm) Diameter	L(mm) Length	Quantity / pcs/bag	/ bag/box	/ Inner box/outer box	(/) psc/box
4	7-8	1000	15	4	60000
5	5-7	1000	12	4	48000
5	11	1000	10	4	40000
6.3	5-7	1000	10	4	40000
6.3	8-15	1000	8	4	32000
6.3	15-20	1000	6	4	24000
8	5-12	500	8	4	16000