Aluminum Electrolytic Capacitors

Junzl

SX 7mmL高CV品（CD11X型）

●7MM高度，小型化标准品。

Be 7mm in height,.for general purpose,standard size.

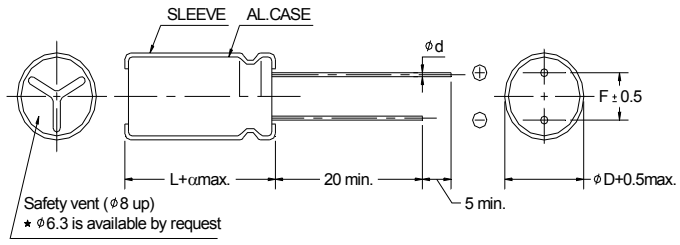
●适用于盒式收录机、袖珍计算机、随身听等电路。

Used in cassette tape redcorders, pocked caldculator,min-audio sets ,etc.

■ Specifications

项 目 Item	特 性 Characteristics							
工作温度范围 Operating temperature range	—40℃~+85℃							
额定电压范围 Rated voltage range	6.3V~50V DC							
静电容量范围 Nominal capacitance range	0.1μF~470μF							
静电容量误差 Capacitance tolerance	±20% (120Hz·20℃)							
漏电流（20℃）leakage current(20℃)	I≤0.01CV or 3μA(whichever is greater) after 2 minute							
	I：Leakage current C：Normanl capacitance V： Rated voltage							
损耗角正切 Dissipation factor (120Hz·20℃)	Rated voltage(V)	6.3	10	16	25	35	50	
	tgδ(MAX)	0.24	0.20	0.16	0.14	0.12	0.10	
低温特性 Low temperature characteristics (lmpedance ratio max. at 120Hz)	Rated voltage(v)	6.3	10	16	25	35	50	
	Z—25℃/Z+20℃	4	3	2	2	2	2	
	Z—40℃/Z+20℃	8	6	4	4	3	3	删除
高温负荷特性 Load Life	After applying rated voltage for 1000 hours at 85℃ then resumed 16 hours:							
	Capacitance change	Within ±20% of the initial measured value						
	tgδ	≤200% of the initial specified value						
	Leakage current	≤initial specified value						
高温贮存特性 Shelf Life	After storage for 1000 hours at 85℃ then resumed 16 hours:							
	Capactiance change	Within ±20% of the initial measured value						
	tgδ	≤200% of the initial specified value						
	Leakage current	≤initial specified value						

■ Diagram of Dimensions(mm)



φD	4	5	6.3	8
F±0.5	1.5	2.0	2.5	3.5
φd±0.05	0.45		0.50	
α	1.0			

■ Multiplier for Ripple Current vs. Frequency:

CAP(uF)\Hz	50(60)	120	1K	≥10K
CAP＜100	0.80	1.00	1.30	1.50
CAP≥100	0.80	1.00	1.15	1.20

■ Multiplier for Ripple Current vs. Temperature:

Temperature℃	~55	60	70	85
Factor	1.65	1.50	1.30	1.00

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■ Standard Ratings

WV(Coad)		6.3V(0J)		10V(1A)		16V(1C)		25V(1E)	
C(uf)	Coad	ΦD×L	R.C.	ΦD×L	R.C.	ΦD×L	R.C.	ΦD×L	R.C.
0.1	0R1								
0.22	R22								
0.33	R33								
0.47	R47								
1	010								
2.2	2R2								
3.3	3R3								
4.7	4R7								
10	100					4×7	28	4×7	28
22	220	4×7	34	4×7	35	4×7	39	5×7	48
33	330	4×7	40	4×7	43	(4)5×7	(45)59	5×7	58
47	470	4×7	48	(4)5×7	(45)59	5×7	65	6.3×7	71
100	101	5×7	78	(5)6.3×7	(74)87	6.3×7	98	8×7(9)	115(130)
220	221	6.3×7	120	(6.3)8×7	(138)145	8×9	186		
330	331	8×7(9)	180(204)	8×7	201				
470	471	8×7(9)	215(243)						

WV(Coad)		35V(1V)		50V(1H)					
C(uf)	Coad	ΦD×L	R.C.	ΦD×L	R.C.				
0.1	0R1			4×7	1.0				
0.22	R22			4×7	2.3				
0.33	R33			4×7	3.5				
0.47	R47			4×7	5.0				
1	010			4×7	10				
2.2	2R2			4×7	19				
3.3	3R3			4×7	24				
4.7	4R7	4×7	24	4×7	28				
10	100	4×7	31	5×7	38				
22	220	5×7	52	6.3×7	58				
33	330	6.3×7	65	8×7(9)	75(85)				
47	470	8×7(9)	85(96)	8×9	101				
100	101	8×9	141						

Permit ripple current： （mArms，85℃，120HZ)　　Case size: ΦD×L (mm)