

Faraton

CD288

CD288 Series Aluminum Electrolytic Capacitor

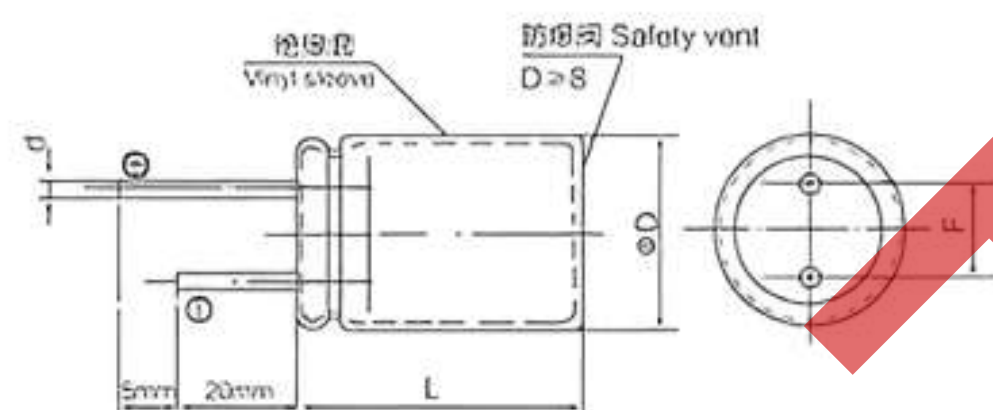
- 高频低阻抗, 105°C 3000小时。High frequency, low ESR, 105°C 3000 hrs.
- 适用于彩电、音响等开关电源。Used in color-TV, audio set power supply, etc.
- 符合 RoSH. RoSH Compliant.



主要技术性能 Specifications

使用温度范围 Operating temperature range	-40~+105℃									
额定电压范围 Rated voltage range	6.3~160V									
标称容量范围 Nominal capacitance range	0.47~15000 μF									
标称容量允许偏差 Capacitance tolerance	± 20%									
正反向漏电流 Leakage current	1 ≤ 0.01C _R U _R (μA) 2 分钟 (2 minutes)									
损耗角正切值(tg δ) Dissipation factor (20℃, 120Hz)	U _R (V)	6.3	10	16	25	35	50	63	100	160
	tg δ	0.22	0.20	0.16	0.14	0.12	0.10	0.09	0.08	0.15
容量大于1000 μF者, 每增加1000 μF,其损耗角正切值增加0.02 0.02 is added to every 1000 μF increase over 1000 μF										
温度特性 Temperature characteristics (impedance ratio at 120Hz)	U _R (V)	6.3~16			25~100			160		
	Z-40℃/Z+20℃	5			4			3		
耐久性 Load life	+105℃, 施加带纹波电流的额定电压3000小时, 恢复24小时后: After applying rated voltage with specified ripple current for 3000 hours at 105℃ and then resumed 24 hours: 电容量变化率 Capacitance change : U _R ≤ 160v: ± 30%; : U _R > 160v: ± 15% 初始测量值以内 Initial measured value 漏电流 Leakage current: ≤ 初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤ 1.5 倍初始规定值 Initial specified value									
高温贮存 Shelf life	+105℃, 1000小时, 恢复16小时后: After storage for 500 hours at +105℃ and then resumed 1000 hours: 电容量变化率 Capacitance change : ± 20% 初始测量值以内 Initial measured value 漏电流 Leakage current: ≤ 2 倍初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤ 1.5倍初始规定值 Initial specified value 或(or) (取较大者) Whichever is greater									

外形图及尺寸表 Case size table



D	± 0.5			± 1.0		
	5	6.3	8	10	12.5	16
L ± 2.0 0	11	11	12	12, 16, 20	20, 25	25, 30, 35
F ± 0.5	2	2.5	3.5	5	7.5	
d ± 1.0	0.5	0.6			0.8	

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标称电容量、额定电压、浪涌电压与外形尺寸对应表
Nominal capacitance, rated voltage, surge voltage and case size table

V(code)	U_R	6.3V		10V		16V		25V	
		8		13		20		32	
Cap(μ F)	Code	0J		1A		1C		1E	
10	10			5x11	25	5x11	30	5x11	30
22	22					5x11	40		
33	33					5x11	50	5x11	70
39	39							5x11	80
47	47					5x11	75	5x11	80
56	56					5x11	85	6.3x11	115
68	68			5x11	80	6.3x11	110	6.3x11	125
82	82			5x11	90	6.3x11	125	6.3x11	150
100	100	5x11	80	5x11	100	5x11	90	6.3x11	160
120	120	5x11	95	6.3x11	125	6.3x11	160	8x12	225
150	150	6.3x11	125	6.3x11	150	8x12	210	8x12	260
180	180	6.3x11	145	6.3x11	170	8x12	235	8x16	320
220	220	6.3x11	170	6.3x11	180	6.3x11	200	8x12	320
270	270	8x12	225	8x12	245	8x16	335	8x20	460
330	330	8x12	255	8x12	285	8x12	320	8x20	500
390	390	8x12	280	8x12	350	8x20	465	10x20	630
470	470	8x16	355	8x12	290	8x20	505	8x14	580
560	560	8x16	395	8x20	485	10x20	630	10x25	810
680	680	8x20	495	8x20	540	10x20	690	10x30	970
820	820	8x20	550	10x20	685	10x25	845	12.5x20	990
1000	1000	10x20	670	10x20	750	10x16	720	12.5x25	1175
1200	1200	10x20	735	10x25	920	12.5x20	1025	12.5x25	1270
1500	1500	10x25	895	10x30	1060	12.5x25	1220	12.5x30	1460
1800	1800	10x30	1010	12.5x20	1085	12.5x30	1258	12.5x35	1605
2200	2200	12.5x25	1080	12.5x20	780	12.5x20	1020	12.5x25	1320
2700	2700	12.5x25	1170	12.5x30	1425	12.5x35	1630	16x30	1820
3300	3300	12.5x30	1255	12.5x35	1610	12.5x35	1770	16x25	1975
3900	3900	12.5x30	1400	12.5x40	1735	16x30	1820	16x40	2075
4700	4700	12.5x35	1550	16x25	1780	16x35	1975	16x30	2180
5600	5600	12.5x40	1670	16x35	1920	16x40	2075		
6800	6800	16x30	1745	16x40	1975	19x35	2140		
8200	8200	16x35	1805	19x40	2075	19x40	2240		
10000	10000	16x40	2025						
12000	12000	19x35	2075						
15000	15000	19x40	2180						