

TM 螺栓型超长寿命品

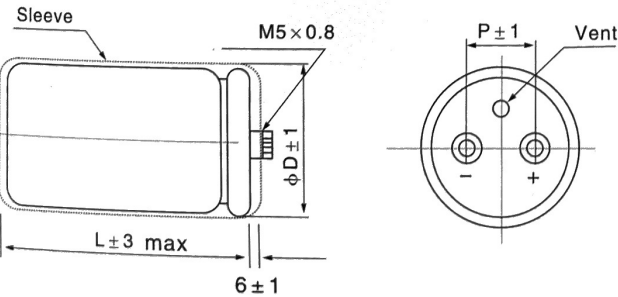
小体积,高耐压,容量和纹波电流,具有稳定和可靠的性能.
Small case size,high rated voltage,capactiance and ripplecurrent,stable and reliable performance,forming complete sets of unclear electric station.
适用于工业和电子设备,如计算机、程控交换机等的滤波和储能中.
Suit for use in electronic and industrial equipments suchas computer,programming control exchanger for power supplies filtering and energy storinging.



Specifications

项目 Items	特性 Characteristics	
工作温度范围 Operating temperature range	-25~+105℃	
额定电压范围 Rated voltage range	350V~450V DC	
静电容量范围 Nominal capacitance toletance	1000 μ F~4700 μ F	
静电容量误差 Capacitance toletance	± 20% (120Hz · 20℃)	
漏电流 (20℃) leakage current(20℃)	I≤0.02CV or 5 A after 5 minute (whichever is greater)	
	I: Leakage current C: Normanl capacitance V: Rated voltage	
损耗角正切 Dissipation factor (120Hz · 20℃)	less than 0.15	
高温负荷特性 Enduratlce	After applying rated for 10000 hours at 105℃ then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tg δ	≤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 105℃ then resumed 16 hours:	
	Capacitance change	Within ±20% of the initial measured value
	tg δ	≤200% of the initial specified value
	Leakage current	≤initial specified value

Diagram of Dimensions(mm)



φD	51	64	77	90
P	22	28.2	31.4	31.4

Multiplier for Ripple Current vs. Frequency:

Frequency	50	120	300	1K	≥10K
Factor	0.70	1.00	1.10	1.30	1.40

Multiplier for Ripple Current vs. Temperature:

Temperature℃	45	60	70	85
Factor	2.70	2.19	1.68	1.00

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Standard Ratings

Rated Voltage (V.DC)	Surge Voltage (V.DC)	Rated Capacitance (μF)	MAX ESR 20℃ 120HZ (MΩ)	Ripple Current 105℃ 120HZ (Arms)	Outline Size	
					Code	φ D × L(mm)
350	400	1200	215	5.5	C8R	51 × 83
		1500	172	6.1	C8R	51 × 83
		1800	143	7.4	C10R	51 × 96
		2200	117	8.2	C10R	51 × 96
		2700	96	10.2	C13R	51 × 130
		3300	78	11.3	C13R	51 × 130
		3900	66	12.8	D12R	64 × 115
		4700	55	14.8	D13R	64 × 130
		5600	46	16.3	E12R	77 × 115
		6800	38	18.8	E13R	77 × 130
		8200	31	22.1	E16R	77 × 155
		10000	26	25.9	F16R	90 × 157
		12000	22	28.4	F16R	90 × 157
		15000	17	34.6	F20R	90 × 196
		18000	14	41.4	F24R	90 × 236
400	450	1000	215	5.0	C8R	51 × 83
		1200	179	5.5	C8R	51 × 83
		1500	143	6.7	C10R	51 × 96
		1800	119	7.4	C10R	51 × 96
		2200	98	9.2	C13R	51 × 130
		2700	80	9.9	D10R	64 × 96
		3300	65	11.8	D12R	64 × 115
		3900	55	13.5	D13R	64 × 130
		4700	46	14.9	E12R	77 × 115
		5600	39	17.0	E13R	77 × 130
		6800	32	20.2	E16R	77 × 155
		8200	26	23.5	F16R	90 × 157
		10000	22	25.9	F16R	90 × 157
		12000	18	31.0	F20R	90 × 196
		15000	14	37.5	F24R	90 × 236
450	500	1000	215	5.0	C8R	51 × 83
		1200	179	6.0	C10R	51 × 96
		1500	143	7.2	C12R	51 × 115
		1800	119	8.3	C13R	51 × 130
		2200	98	9.0	D10R	64 × 96
		2700	80	10.7	D12R	64 × 115
		3300	65	12.4	D13R	64 × 130
		3900	55	13.6	E12R	77 × 115
		4700	46	15.6	E13R	77 × 130
		5600	38	18.3	E16R	77 × 155
		6800	32	21.4	F16R	90 × 157
		8200	26	23.5	F16R	90 × 157
		10000	22	28.3	F20R	90 × 196
		12000	18	33.6	F24R	90 × 236