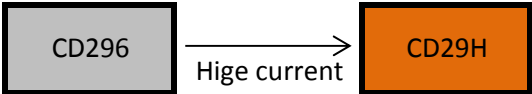


牛角型Snap In Type, CD29H Series

特性Fetures

- Load life of 3000 hours at 105°C
在105°C环境中，负荷寿命3000小时
- Highest Ripple Current
高纹波电流
- Miniaturized,Industrial Power Supplies and Inverters
工业品



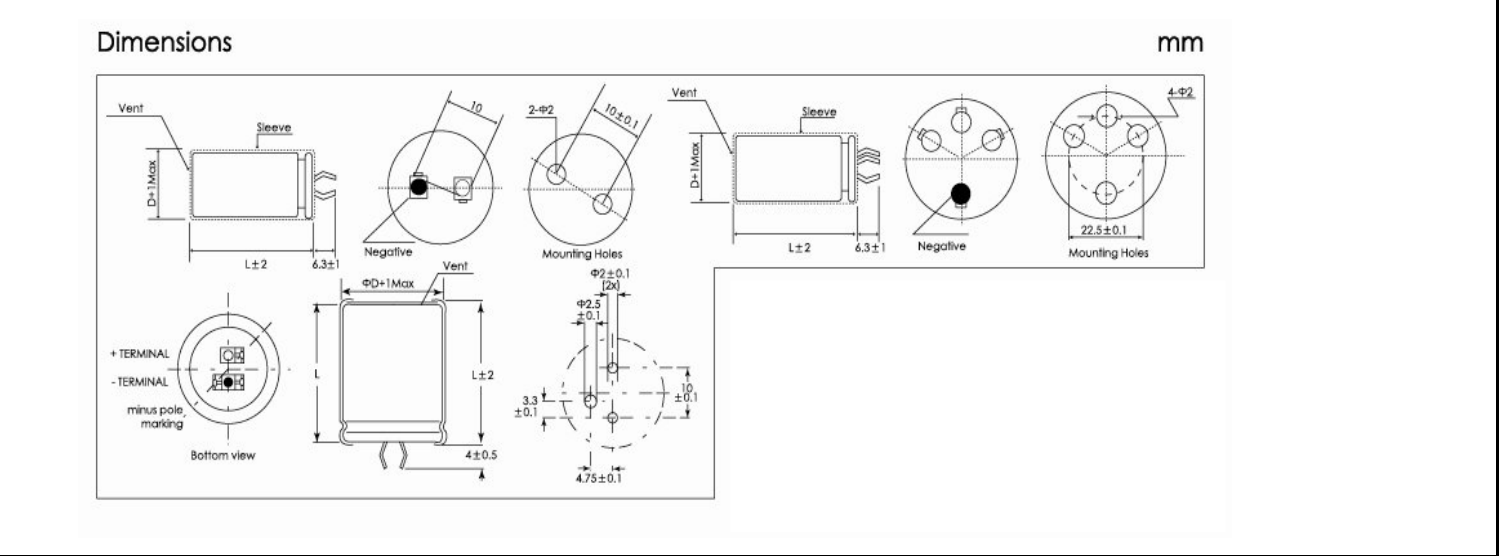
主要技术性能Specification

项目 Items	特征 Performance Characteristics					
使用温度范围 Operating Tepmerature Range(°C)	-40 ~ +105°C					
额定电压范围 Rated Voltage Range(V)	160 ~ 500 VDC					
标称电容量范围 Capacitance Range(uF)	56~ 2200 uF					
标称电容量偏差范围 Capacitance Tolerance(20°C,120Hz)	± 20%					
漏电流 Leakage Current (uA)	After 5 minutes at 20°C application of rated voltage, leakage current is not more than 0.01CV or 1.5mA, whichever is smaller. C: Normal Capacitance(uF) V: Rated Voltage(V) 在20°C下加额定电压5分钟后，漏电流不大于0.01CV或者1.5mA,取最小值。					
损耗角正切值 Dissipation Factor(20°C, 120Hz) (tanδ)	Rated Voltage	160	200	250	350	400~450
	tan δ (max)	0.15				0.20
低温稳定性 (120Hz下阻抗比) Stability at Low Temperate (Impedance Ratio at 120Hz)	电压Rated Voltage(V)		160~450			
	阻抗比 Impedance Ratio	Z-25°C/Z+20°C		4		
耐久性 Load Life	+105°C额定电压（叠加规定纹波电流）3000小时试验后常温放置16h 测定 After applying rated voltage with specified ripple current for 3000 hours at 85°C and then resumed 16 hours: 电容量变化：初始值的-20~+20%以内 Capacitance change: within ±20% of the initial value 漏电流：不大于初始规定值 Dissipation Factor: Not more than initial specified value 损耗角正切：不超过规定值的2.0倍Dissipation Factor: Not more than 200% of the specified value					
高温储存 Shelf Life	+105°C, 1000小时贮存后，加额定电压30分钟，恢复16小时后 After storage for 1000 hours at +85°C,rated voltage to be applied for 30 minutes and then resumed for 16 hours 电容量变化：初始值的-20~+20%以内Capacitance change: within ±20% of the initial value 漏电流：不大于初始规定值 Dissipation Factor: Not more than initial specified value 损耗角正切：不超过规定值的2.0倍Dissipation Factor: Not more than 200% of the specified value					

纹波电流修正系数Multiplier for ripple current

频率系数Frequency coefficient						
频率Freq(Hz)	50Hz	120Hz	1KHz	10KHz	50KHz	
电压Rated Voltage(V)						环境温度 Temperature °C
160~450	0.80	1.00	1.30	1.41	1.45	≤+40
						+55
						+70
						+85
						+105

修正系数 Coefficient	2.7	2.5	2.1	1.7	1.0
---------------------	-----	-----	-----	-----	-----



额定值标准 Rating for CD29H Series

额定值标准 Rating for CD29H Series- Table 1-2

CD29S	U _R	160V(2C)		200V(2D)		250V(2E)		350V(2V)		400V(2G)		450V(2W)			
Cap(μF)	U _s	200V		250V		300V		400V		450V		500V			
	Code	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)
33	330														
39	390														
47	470														
56	560											22X25	0.50		
68	680							22X25	0.70	22X25	0.48	22X30	0.60		
82	820									22X30	0.57	22X35	0.65		
100	101							22X30	0.87	22X35	0.65	22X35	0.72		
								25X25	0.87	25X25	0.65	25X30	0.72		
												30X25	0.72		
120	121							22X35	0.90	22X35	0.71	22X45	0.80		
								22X35	0.90	25X30	0.71	25X35	0.80		
								22X35	0.90	30X25	0.71				
150	151							22X40	0.98	22X40	0.85	22X50	0.95		
								25X30	1.02	25X35	0.85	25X40	0.95		
								30X25	1.02	30X25	0.85	30X30	0.95		
												35X25	0.95		
180	181					22X25	1.00	22X45	1.11	22X50	1.00	25X45	1.05		
								25X35	1.11	25X40	1.00	30X35	1.05		
								30X30	1.12	30X30	1.00				
										35X25	1.00				
220	221			22X25	1.10	22X30	1.20	22X50	1.16	25X45	1.20	25X50	1.30		
								25X40	1.20	30X35	1.20	30X40	1.30		
								35X25	1.20	35X30	1.20	35X30	1.30		
270	271			22X25	1.17	25X25	1.20	25X50	1.26	25X50	1.35	30X45	1.50		
								30X35	1.31	30X40	1.35	35X35	1.50		
								35X30	1.26	35X30	1.35				
330	331	22X25	1.42	22X30	1.40	22X40	1.30	30X45	1.45	30X45	1.60	30X50	1.90		
				25X25	1.40	25X30	1.35	35X35	1.45	35X35	1.60	35X40	1.90		
						30X25	1.35								
390	391	25X25	1.45	22X30	1.45	22X45	1.40	30X50	1.58	30X50	1.80	35X45	1.90		
						25X35	1.45	35X40	1.58	35X40	1.80				
470	471	22X35	1.63	22X35	1.55	22X50	1.65	35X45	1.69	35X45	2.10	35X50	2.20		
				25X30	1.55	30X30	1.65								
				30X25	1.60	35X25	1.65								
560	561	22X35	1.75	22X45	1.65	25X45	1.85	35X50	1.89	35X50	2.30				
		25X30	1.75	25X35	1.65	30X35	1.85								
		30X25	1.75			35X30	1.85								

CD29S	U _R	160V(2C)		200V(2D)		250V(2E)		350V(2V)		400V(2G)		450V(2W)			
Cap(μF)	U _s	200V		250V		300V		400V		450V		500V			
	Code	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)	DxL	(A)
680	681	22X40	1.98	22X50	1.68	25X50	2.20								
		25X35	1.98	25X40	1.92	30X40	2.20								
				30X30	1.92										
				35X25	2.20										
820	821	22X50	2.35	25X45	2.20	30X45	2.50								
		25X40	2.35	30X35	2.20	30X40	2.50								
		30X30	2.35	35X30	2.40										
		35X25	2.35												
1000	102	25X45	2.50	30X40	2.40	30X50	2.90								
		30X35	2.50	35X35	2.40	35X40	2.90								
		35X30	2.50												
1200	122	25X50	2.87	30X45	2.75	35X45	3.30								
		30X40	2.87	35X40	2.75										
		35X35	2.87												
1500	152	30X45	3.57	35X40	3.45	35X50	3.80								
		35X40	3.60												
1800	182	35X45	4.15	35X45	4.00										
2200	222	35X50	4.65	35X50	4.50										

DxL-尺寸SIZE(φDxLmm) A-额定纹波电流 Rated Ripple Current U_R-额定工作电压 Rated Voltage U_s-浪涌电压 Surge Voltage

可根据客户要求定制产品Customer Products are avaiable on request

Note: All design and specifications are for reference only and is subject to change without prior notice. If any doubt about safety for your application, please contact us immediately for technical assistance before purchase.