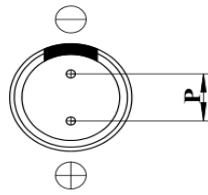
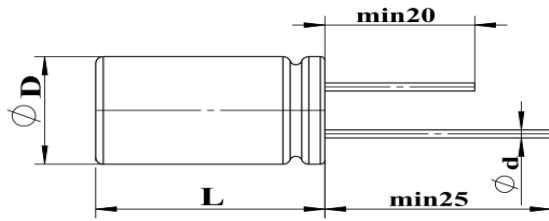


导针型尺寸图示 Dimintions (mm)


$\Phi D \pm 1.0$	$P \pm 0.5$	$\Phi d \pm 0.1$	L
6.3	2.6	0.6	L ± 1.5
8	3.5	0.6	
10	5.0	0.6	
12.5	5.0	0.6	
16	7.5	0.8	
18	7.5	0.8	

产品规格 Specifications

项目 Item	性能 Performance
工作电压 Working Voltage	2.7V. DC
浪涌电压 Surge Voltage	2.85V. DC
容量范围 Nominal Cap. Range	1.0 F to 60 F
工作温度 Operating Temperature	-40°C ~ +70°C


典型产品 Standard Products

产品编码 Part number	额定电压 Rated Voltage (V)	标称容量 Rated Cap. (F)	尺寸 Size $\phi D \times L$ (mm)	最大内阻 Max. ESR		最大漏电流 Maximum Leakage Current (72hrs/mA)	额定电流 Rated current (A)	峰值电流 Peak Current (A)	功率密度 Power Density (kW/kg)	最大能量 Maximum Energy (mWh)	能量密度 Energy Density (Wh/kg)
				ESRAC (1kHz/mΩ)	ESRDC (mΩ)						
GDC02R7S105L0812RD	2.7	1	8x12	180	360	0.008	0.25	0.99	5.56	1.01	1.11
GDC02R7K205L0812RD	2.7	2	8x12	160	320	0.010	0.48	1.65	5.70	2.03	2.03
GDC02R7K205L0816RD	2.7	2	8X16	120	240	0.010	0.49	1.82	6.28	2.03	1.67
GDC02R7K335L0816RD	2.7	3.3	8X16	110	220	0.014	0.78	2.58	6.09	3.34	2.46
GDC02R7K335L0820RD	2.7	3.3	8X20	95	190	0.014	0.79	2.74	6.39	3.34	2.23
GDC02R7K505L0825RD	2.7	5	8X25	85	170	0.016	1.15	3.65	5.92	5.06	2.80
GDC02R7K505L1020RD	2.7	5	10X20	60	120	0.016	1.21	4.22	6.90	5.06	2.30
GDC02R7K705L1020RD	2.7	7	10x20	60	120	0.020	1.62	5.14	6.63	7.09	3.09
GDC02R7K106L1025RD	2.7	10	10x25	50	100	0.030	2.25	6.75	6.83	10.13	3.79
GDC02R7K106L1220RD	2.7	10	12.5X20	45	90	0.030	2.29	7.11	5.87	10.13	2.93
GDC02R7K156L1225RD	2.7	15	12.5X25	40	80	0.045	3.27	9.20	5.42	15.19	3.62
GDC02R7K206L1225RD	2.7	20	12.5X25	35	70	0.060	4.22	11.25	6.13	20.25	4.76
GDC02R7K206L1230RD	2.7	20	12.5X30	35	70	0.060	4.22	11.25	5.21	20.25	4.05
GDC02R7K256L1230RD	2.7	25	12.5x30	35	70	0.080	5.00	12.27	5.18	25.31	5.03
GDC02R7K256L1625RG	2.7	25	16X25	25	50	0.080	5.40	15.00	5.17	25.31	3.59
GDC02R7K306L1625RG	2.7	30	16X25	25	50	0.100	6.23	16.20	4.84	30.38	4.03
GDC02R7K356L1630RG	2.7	35	16X30	20	40	0.110	7.38	19.69	5.59	35.44	4.35
GDC02R7K406L1634RG	2.7	40	16X34	18	36	0.120	8.39	22.13	5.47	40.50	4.37
GDC02R7K506L1840RG	2.7	50	18X40	18	36	0.140	9.93	24.11	4.40	50.63	4.40
GDC02R7K606L1840RG	2.7	60	18X40	18	36	0.160	11.31	25.63	4.05	60.75	4.86

PS: 特殊规格可定制, 详情咨询!

>>> 产品可靠性测试项目及方法 Product reliability test

项目 Item	性能 Performance Characteristic		
温度特性 Temperature characteristics	温度temperature: TMin±2℃	70℃	‘-40℃
	测试时长 duration of storage:	16h	2h
	容量变化 Capacitance Change	≤ 初始值的30% ≤ 30% of initial value	≤ 初始值的30% ≤ 30% of initial value
	内阻变化 Internal Resistance	≤ 规定值 ≤ Regulated value	≤ 规定值的4倍 ≤ 4 times the specified value
	外观变化 Appearance	无显著变化 No remarkable change	无显著变化 No remarkable change
高温负荷寿命 High temperature load life	额定电压 nominal voltage	2.7V	
	温度temperature:	70℃	
	测试时长duration of testing: 1,000h		
	容量变化 Capacitance Change	≤ 初始值的30% ≤ 30% of initial value	
	内阻变化 Internal Resistance	≤ 规定值的4倍 ≤ 4 times the specified value	
	外观变化 Appearance	无显著变化 No remarkable change	
高温存储 High temperature storage	温度temperature: 70℃ 测试时长duration of testing: 1,000±4hrs		
	容量变化 Capacitance Change	≤ 初始值的30% ≤ 30% of initial value	
	内阻变化 Internal Resistance	≤ 规定值的4倍 ≤ 4 times of specified value	
	外观变化 Appearance	无显著变化 No remarkable change	
湿热特性 Humidity characteristic	电压voltage: 额定电压nominal voltage 温度temperature: 40±2℃ 相对湿度relative humidity: 90%~95%RH 测试时长duration of testing: 240hrs		
	容量变化 Capacitance Change	≤ 初始值的30% ≤ 30% of initial value	
	内阻变化 Internal Resistance	≤ 规定值的4倍 ≤ 4 times of specified value	
	外观变化 Appearance	无显著变化 No remarkable change	
循环寿命 Cycle life characteristics	在25℃下，用恒定电流使电容器在额定电压和半额定电压间循环充放电50万次。 Capacitors cycles between rated voltage and half rated voltage under constant current at +25℃ (500,000cycles)		
	容量变化 Capacitance Change	≤ 初始值的30% ≤ 30% of initial value	
	内阻变化 Internal Resistance	≤ 规定值的4倍 ≤ 4 times of specified value	
	外观变化 Appearance	无显著变化 No remarkable change	