

NP (CD29L型)

- ◎ 耐高纹波电流, 适用于太阳能转换
High ripple current capability, Use for Solar energy converter.
- ◎ 耐震动
Vibration resistance.
- ◎ RoHS指令已对应完毕。
Adapted to the RoHS directive.

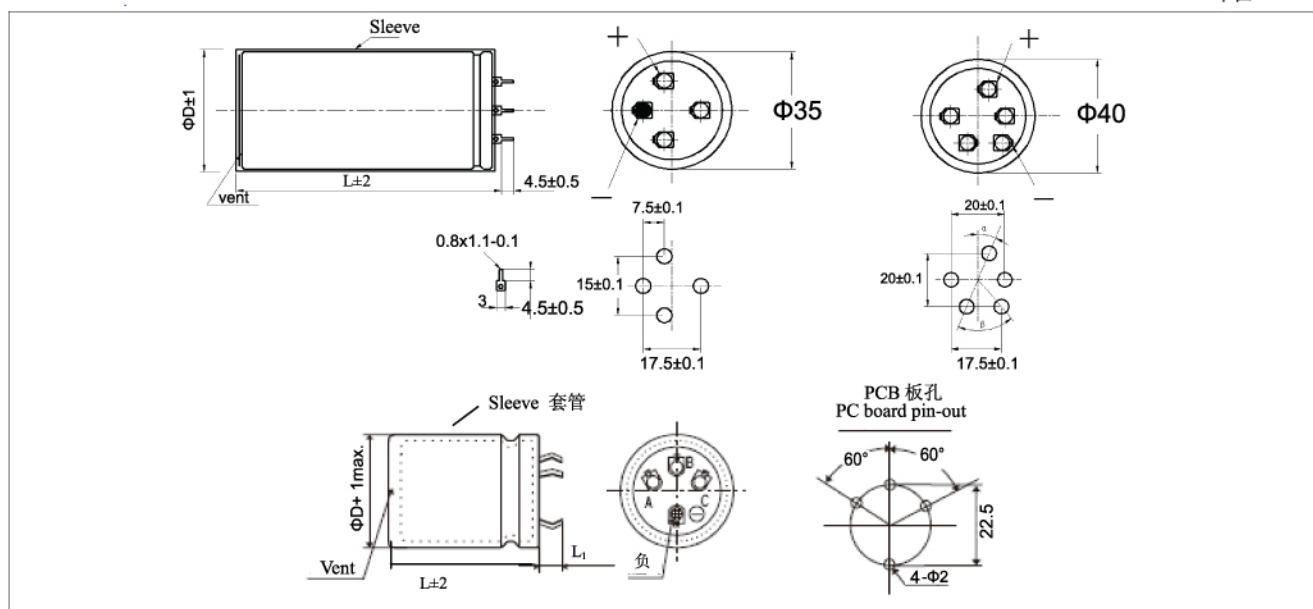


主要技术性能 Specifications

项目 Items	特性 Performance Characteristics		
使用温度范围 Operating Temperature Range	-25℃ ~ +85℃		
额定电压范围 Rated voltage Range	400 ~ 450 V		
标称容量允许偏差 Capacitance Tolerance	± 20%(120Hz, 20℃)		
漏电流 Leakage Current	$I \leq 3 \sqrt{CV} (\mu A)$ 5分钟 (at 20℃, after 5 minutes)		
损耗角正切 (tg δ) Dissipation Factor (Max) (+20℃, 120Hz)	U (V)	400	420~450
	tg δ	0.18	0.20
温度特性 Temperature characteristics (Impedance ratio at 120Hz)	UR (V)	400	420~450
	Z-25℃/Z+20℃	4	7
耐久性 Load Life	+85℃, 施加带额定纹波电流的额定电压6000小时, 恢复16小时后: After applying rated voltage with specified ripple current for 6000 hours at +85℃, and then resumed 16 hours. 电容量变化率 capacitance change: ± 10%初始测量值以内 ± 10% of Initial measured value. 漏电流 Leakage current: ≤ 初始规定值 ≤ the Initial measured value. 损耗角正切值Dissipation factor: ≤ 2倍初始规定值 ≤ 2times Initial specified Value.		
高温贮存 Shelf life	+85℃, 1000小时贮存后, 加额定工作电压处理30分钟, 恢复16小时后: After storage for 1000 hours at +85℃, U_R to be applied for 30 minutes and then resumed 16 hours. 电容量变化率 capacitance change: ± 15%初始测量值以内 Initial measured value. 漏电流 Leakage current: ≤ 初始规定值 ≤ the Initial measured value. 损耗角正切值Dissipation factor: ≤ 1.5倍初始规定值 ≤ 1.5times Initial specified Value.		

外形图 Case table

单位Unit: mm



■ 尺寸 Dimensions

Voltage (Code)		400(2G)			420V(2M)			450V(2W)		
Cap.(μ F)	Code	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current	Case Size	Impedance	Ripple Current
560	561							35 $\times$ 60	290	2.4
680	681	35 $\times$ 60	150	2.7	35 $\times$ 60	240	2.7	35 $\times$ 70	240	3.0
680	681	40 $\times$ 50	150	2.7	40 $\times$ 50	240	2.7	40 $\times$ 60	240	2.7
820	821	35 $\times$ 60	130	3.1	35 $\times$ 70	200	3.4	35 $\times$ 80	200	3.6
820	821	40 $\times$ 50	130	3.0	40 $\times$ 60	200	3.3	40 $\times$ 60	200	3.3
1000	102	35 $\times$ 70	110	3.8	35 $\times$ 80	160	4.1	35 $\times$ 100	160	4.6
								45 $\times$ 70		
1000	102	40 $\times$ 60	110	3.8	40 $\times$ 60	160	3.8			
1200	122	35 $\times$ 100	90	5.1						
1200	122	40 $\times$ 70	90	4.5	40 $\times$ 70	140	4.5			
1500	152	35 $\times$ 100	70	5.8	40 $\times$ 100	110	6.2			
1500	152	40 $\times$ 80	70	5.5	45 $\times$ 70	110	5.2			
1800	182	40 $\times$ 100	60	6.8	40 $\times$ 100	90	6.8			
1800	182	45 $\times$ 80	60	6.2	45 $\times$ 80	90	9.2			
2200	222	45 $\times$ 100	50	7.6						
2700	272	45 $\times$ 100	40	8.6						

Maximum Allowable Ripple Current (A rms) at 85°C 120Hz.

Maximum Impedance (m Ω) at 20°C 10KHz.