

CD 17S Series

85°C 5000小时 5000h at 85°C

- 体积小, 损耗小, 性能稳定
- Small size, low dissipation factor, high stability

项目 Item	特性 Characteristics	
使用温度范围 (°C) Operating Temperature Range	-20~+85	
额定电压范围 (V) Voltage Range	330	
标称电容范围 (μF) Capacitance Range	40~250	
标称电容允许偏差 Capacitance Tolerance (20°C, 120Hz)	-10%~+20% (2.5°C, 120Hz)	
漏电流 (μA) Leakage Current	$1 \leq 1 \times CR$	
损耗角正切值 (tg δ) Dissipation Factor (20°C, 120Hz)	$\tan \delta \leq 0.06$	
温度特性 Temperature characteristics (120Hz)	$Z-20^{\circ}C/Z+20^{\circ}C \leq 7$	
充放电特性 Change and discharge	+15°C~35°C, 施加额定电压, 充放电间隔30秒, 共5000次, 放电负载0.7~10Ω氙气管。 Change and discharge at rated voltage at +15°C~35°C in every 30 seconds for 5000 times via Xe flash tube with discharge resistance of 0.7~1.0Ω	
	电容量变化率 Capacitance Change	初始值 ± 15%以内 Within ± 15% of initial Value
	漏电流 Leakage Current	≤ 200%初始规定值 Not more than 200% of specified value
	损耗角正切值 Dissipation Factor	≤ 200%初始规定值 Not more than 200% of specified value
高温贮存 Shelf Life	时间 Time	500小时 500 hours
	电容量变化率 Capacitance Change	初始值 ± 10%以内 Within ± 10% of initial Value
	漏电流 Leakage Current	≤ 200%初始规定值 Not more than 200% of specified value
	损耗角正切值 Dissipation Factor	≤ 200%初始规定值 Not more than 200% of specified value
After test: UR to be applied for 30minutes, 24 to 48hours before measurement.		

外形图尺寸表 Dimensions

单位 Unit: mm

D ± 1.0	12.5	14	16	19
L ^{+2.0} / _D	22, 25, 30, 32	32, 35, 38, 39, 40, 43, 45, 52	25, 30, 35, 36, 38, 40	30, 36, 38, 40
F ± 1.0	5	7.5		
D ± 1.0	0.6	0.8		

Φ D × L 电压UR	容量Ca (μF)											
	40	60	80	100	120	140	150	160	180	200	220	250
330	Φ 12 × 22	Φ 12 × 30	Φ 14 × 32	Φ 16 × 30	Φ 16 × 30	Φ 14 × 35	Φ 14 × 39	Φ 14 × 38	Φ 14 × 40	Φ 16 × 38	Φ 14 × 52	Φ 19 × 40
	Φ 12 × 25	Φ 12 × 32	Φ 16 × 25		Φ 16 × 36	Φ 16 × 30	Φ 16 × 30	Φ 16 × 30	Φ 14 × 43	Φ 19 × 38		
						Φ 16 × 35	Φ 16 × 35	Φ 16 × 35	Φ 14 × 45	Φ 19 × 40		
						Φ 16 × 40		Φ 19 × 36	Φ 16 × 38			
									Φ 19 × 30			
								Φ 19 × 36				

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	Φ 12 × 25	Φ 12 × 32	Φ 16 × 25		Φ 16 × 36	Φ 16 × 30	Φ 16 × 30	Φ 16 × 30	Φ 14 × 43	Φ 19 × 38		
						Φ 16 × 35	Φ 16 × 35	Φ 16 × 35	Φ 14 × 45	Φ 19 × 40		
						Φ 16 × 40		Φ 19 × 36	Φ 16 × 38			
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