

HNE 系列 Series

特点 Features

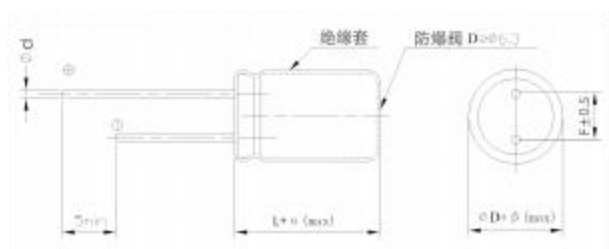
- 无极性品, 高频损耗小, 适用于电视机水平偏转电流校正用。
Non-polarized, Small loss at high frequency,
Use for S correction of horizontal deflection current in TV
- RoHS指令已对应完毕。
Adapted to the RoHS directive.



主要技术性能 Specifications

项目 Items	特性 Characteristics
使用温度范围 Operating Temperature Range	-40~+85°C
额定电压范围 Rated Voltage Range	25~100 V
标称电容量范围 Nominal Capacitance Range	1~15μF
标称电容量允许偏差 Nominal Capacitance Tolerance	± 10% (120Hz, +20°C)
漏电流 Leakage Current	$I \leq 100 \mu A$ 2分钟 (at 20°C, after 2 minutes)
损耗角正切值(tgδ) Dissipation Factor (+20°C, 120 Hz)	tgδ≤0.05
耐久性 Load Life	在70°C下, 在直流12V电压上叠加额定的纹波电流, 连续加1000小时, 恢复16小时后: After 1000 hours application of DC 12V on which the specified allowable ripple current is superimposed at 70°C, and then resumed for 16 hours: 电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value 漏电流 Leakage current : ≤初始规定值 ≤Initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2 times of the initial specified value
高温贮存 Shelf Life	+85°C, 1000小时贮存后, 恢复16小时后: After storage for 1000 hours at +85°C and then resumed for 16 hours: 电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value 漏电流 Leakage current : ≤2倍初始规定值 ≤2 times of the initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2 times of the initial specified value

外形图及尺寸表 Case Size Table



单位 Unit: mm

D	10	13	16
F	5.0	5.0	7.5
d	0.6	0.6	0.8
αMAX	c L < 20 > 1.5		βMAX
	c L ≥ 20 > 2.0		
		c D < 20 > 0.5	
		c D ≥ 20 > 1.0	

尺寸 Dimensions

CAP(μF)	WV	25V(1E)		50V(1H)		100V(2A)	
		Size	Ripple	Size	Ripple	Size	Ripple
1	010	10×20	2.4	10×20	5.0		
2.2	2R2	13×20	3.3	13×25	6.0		
3.3	3R3	13×25	4.5	13×25	6.5		
4.7	4R7	13×25	6.0	13×25	7.0	13×25	7.0
				16×25	7.5		
6.8	6R8	16×25	7.0	16×30	8.0		
10	100	16×25	8.0	16×30	8.6	16×30	8.6
15	150					16×30	10

Size φD×L(mm)

Maximum Allowable Ripple Current (A rms) at 70°C 15.75KHz