

# HNH 系列 Series

## 特点 Features

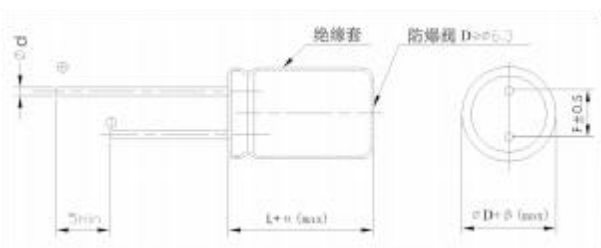
- 双极性，音频品，适用于音响分频网络电路。  
Bi-polarized, used in dividing network circuits.
- RoHS指令已对应完毕。Adapted to the RoHS directive.



## 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	6.3~50 V			
标称电容量范围 Nominal Capacitance Range	1~22μF			
标称电容量允许偏差 Nominal Capacitance Tolerance	±20%(+20°C, 120Hz)			
漏电流 Leakage Current	$I \leq 0.03CV + 5(\mu A)$ 2分钟(at 20°C, after 2 minutes)			
损耗角正切值(tgδ) Dissipation Factor (+20°C, 120Hz)	$U_r(V)$	6.3~10		16~50
	tgδ	0.12		0.07
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	$U_r(V)$	6.3	10~16	25~50
	Z-40°C / Z+20°C	≤7	≤5	≤4
耐久性 Load Life	+85°C加额定电压2000小时(每250小时反转极性一次)恢复16小时后: After applying rated voltage for 2000 hours at +85°C (with the polarity inverted every 250 hours) 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	⟨ L < 20 ⟩	1.5		
	⟨ L ≥ 20 ⟩	2.0		
βMAX	⟨ D < 20 ⟩	0.5		
	⟨ D ≥ 20 ⟩	1.0		

## 尺寸 Dimensions

CAP(μF)	WV	WV				
		6.3V(0J)	10V(1A)	16V(1C)	25V(1E)	50V(1H)
1	010					10×16
2.2	2R2				10×13	10×20
4.7	4R7		10×12.5	10×16	10×20	12.5×20
10	100	10×13	10×16	10×20	13×20	16×25
22	220	10×16	10×20	13×20	13×25	16×30