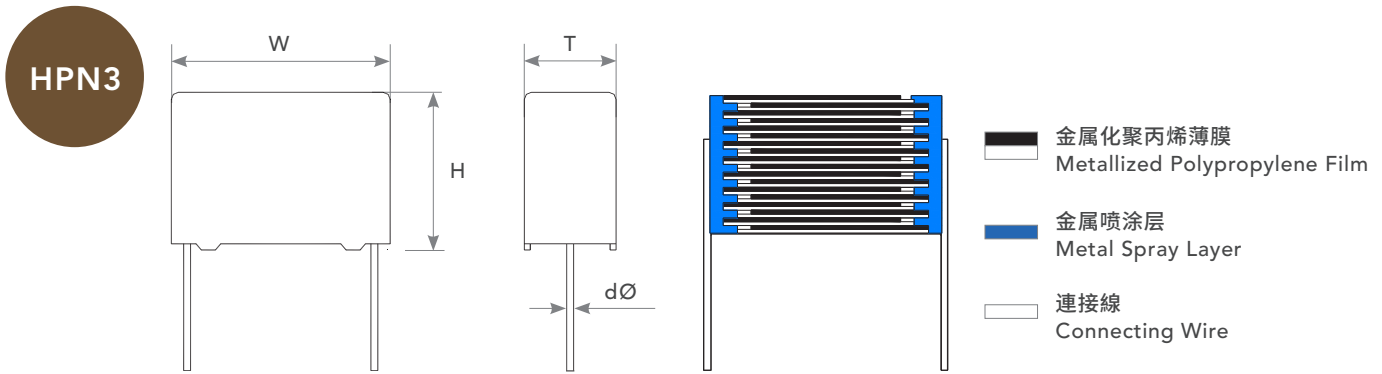


金属化聚丙烯薄膜电容器 (HPN3) METALLIZED POLYPROPYLENE FILM CAPACITOR-RADIAL(HPN3)



结构 Construction:

- 电介质: 金属化聚丙烯薄膜
Dielectric: Metallized Polypropylene Film
- 绕卷: 无感式
Winding: non-inductive type
- 导线: 镀锡线
Leads: Tinned Wire
- 外层: 阻燃塑胶外壳, 环氧树脂填充
Outer Coating: Flame retarding plastic case and epoxy filled

特点 Feature:

- 良好的自愈性
Self-healing property
- 低杂音
Low noise
- 材料符合ROHS
Materials conform to ROHS

推荐应用 Recommended Application:

- 功率因素校正 (PFC) 使用
Power factor correction (PFC) usage

电气特性 Electrical Characteristics:

引用标准 Related Documents	IEC 60384-16		
额定电压 Rated Voltage	450VDC, 520VDC, 630VDC		
额定温度 Rated Temperature	-40°C ~ +85°C		
最大运行温度 Usable Upper Category Temperature	+125°C (Derating ratio of rated voltage to +85°C ~ +125°C: 1.5% per °C for Rated Voltage)		
容量范围 Capacitance Range	0.22μF ~ 2.2μF		
容量误差 Capacitance Tolerance	±5% (J), ±10% (K)		
损耗角正切 Dissipation Factor	KHz	C < 1.0μF	1.0μF ≤ C ≤ 2.2μF
	1	≤ 0.1 %	≤ 0.15 %
	100	≤ 1.5 %	≤ 2.5 %
绝缘电阻 Insulation Resistance	Terminal to Terminal: (at 20°C ± 5°C), Voltage charge time : 1 minute. Voltage charge : 100VDC. ≥ 20000MΩ for C ≤ 0.33μF, ≥ 9000MΩ × μF for C > 0.33μF		

耐压 Withstand Voltage	Terminal to Terminal: (at 20°C±5°C) 1.4 × V _R applied for 2sec. (cut off current 10mA)	
额定电压 脉冲斜率 dV/dt (V/μs) Rated Voltage Pulse Slope dV/dt (V/μs)	Pitch V _R	15 mm
	450VDC	80
	520VDC	120
	630VDC	150

Cap. (μF) | 标准单位 (Size unit): mm

R.V.	450VDC / 160VAC					
Size Cap (μF)	W ±0.3	H ±0.3	T ±0.3	P	dØ ±0.05	料号 Part Number
0.47	18	11	5	15	0.8	HPN3474*0450DB*15*
0.68	18	12	6	15	0.8	HPN3684*0450DB*15*
1	18	13	7	15	0.8	HPN3105*0450DB*15*
1.5	18	17	8	15	0.8	HPN3155*0450DB*15*
2.0	18	18	9	15	0.8	HPN3205*0450DB*15*
2.2	18	18	10	15	0.8	HPN3225*0450DB*15*

R.V.	520VDC / 200VAC					
Size Cap (μF)	W ±0.3	H ±0.3	T ±0.3	P	dØ ±0.05	料号 Part Number
0.33	18	12	6	15	0.8	HPN3334*0520DB*15*
0.47	18	13	7	15	0.8	HPN3474*0520DB*15*
0.68	18	14.5	8.5	15	0.8	HPN3684*0520DB*15*
1	18	18	9	15	0.8	HPN3105*0520DB*15*
1.5	18	19	11	15	0.8	HPN3155*0520DB*15*

R.V.	630VDC / 200VAC					
Size Cap (μF)	W ±0.3	H ±0.3	T ±0.3	P	dØ ±0.05	料号 Part Number
0.22	18	12	6	15	0.8	HPN3224*0630DB*15*
0.33	18	13	7	15	0.8	HPN3334*0630DB*15*
0.47	18	14	8	15	0.8	HPN3474*0630DB*15*
0.68	18	18	9	15	0.8	HPN3684*0630DB*15*
1	18	19	11	15	0.8	HPN3105*0630DB*15*