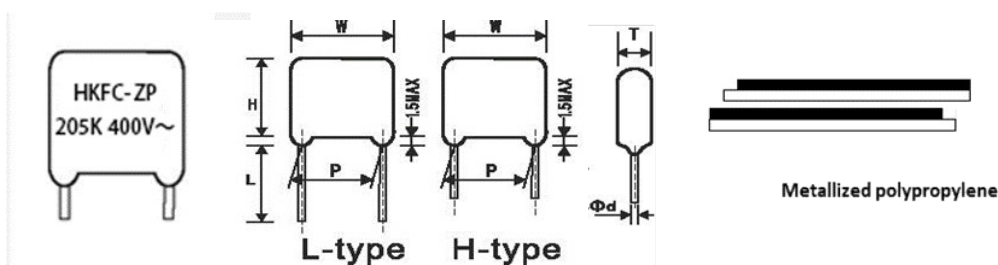


HK Film Capacitor Ltd

12. Pulse Grade Capacitor – Dipped type : ST-ZP series



FEATURES

- Metallized Polypropylene film ,non-inductive wound construction
- Wide range of rated voltage and rated capacitance
- Low loss
- Flame retardent epoxy powder coating

TYPE APPLICATION:

- Widely used in MF, AC voltage, DC voltage and pulse discharge circuits
- Coupling, AC and DC, filtering, bypass, etc., and other power electronics



Specifications

Reference Standard	GB/T 10190 (IEC 60384-16)				
Climatic Category	40/85/21				
Rated Temperature	85°C				
Operating Temperature Range	-40~+85°C				
Rated voltage	(vdc at+85°C)	450V	650V	900V	1000V
Rated voltage	(vac at+85°C)	250V~	300V~	400V~	420V~
Capacitance range	0.5μF~8.0μF				
Capacitance tolerance	±5% (J),±10% (K)				
Voltage Proof	(vdc at+25°C)	1.6* R.V(DC) , 5s (between terminals)			
Voltage Proof	(vac at+25°C)	1.6* R.V(AC) , 5s (between terminals)			
Dissipation factor	≤0.1% (1KHz at 20~25°C)				
Insulation Resistance	≥30 000MΩ, C _R ≤0.33μF ≥10 000 s, C _R > 0.33μF (at 100 VDC , 60s 20~25°C)				
If the working voltage (U) is lower than the rated voltage (U _R), the capacitor can be worked at a higher dV/dt.In this case, the maximum allowed dV/dt is obtain by multiplying the right value with U _R /U.	U _R (V)	dV/dt (V/us)			
		P=22.5	P=27.5	P=32.5	P=39.5
	450V/250V~	45	38	32	23
	650V/300V~	65	55	45	/
	900V/400V~	95	80	65	/
1000V/420V~	100	85	70	/	

Note: If the customer has special requirements, it can be produced according to customer requirement