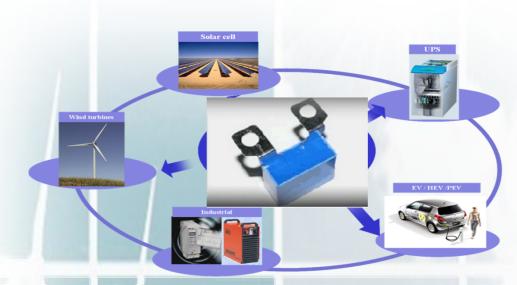


## **IGBT Snubber Capacitors**

## PCPW 237 SERIES



## **KEY TECHNOLOGY**

- ✤ High CV product ( 0.47uF to 10uF ; 850V to 1250V )
- ✤ Long useful life time ( >100,000h, at U<sub>NDC</sub> and 70°C )
- High ripple current capabilities ( up to 25A )
- Reduce or eliminate voltage and current spikes
- High pulse strengh (dV/dt up to 800V/us)
- Low-inductance construction (Low-ESL)
- Low ESR

## APPLICATION

- ✤ Renewable energy sources such as solar inverter / wind-turbine inverter
- On-board chargers for hybrid electrical vehicles
- Industrial and high-end power supplies
- Direct mount on IGBT modules

QUICK REFERENCE DATA	
Dielectric	Metallized polypropylene
Capacitance range	0.47uF to 10uF
Capacitance tolerance	5% / 10%
Terminals	Tinned coated copper
Rated voltage range	850Vdc / 1000Vdc / 1250Vdc
Temperature range	-40 °C ~ +105 °C
Life time expectancy	<b>100,000 hours at VR</b> , <b>70</b> ℃
Reference	IEC 61071
Potting & Encapsulation material	Qualified in accordance with UL94V-0
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