



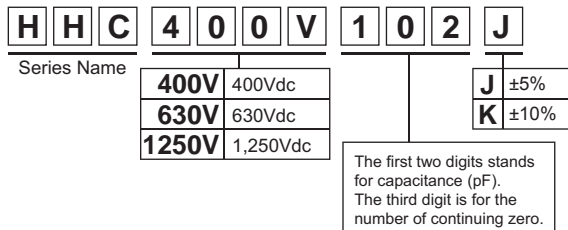
Features

- Compact size and resin case.
- Best for high frequency and high current.

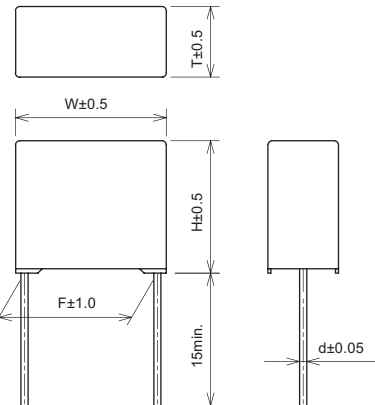
Applications

- High frequency circuit, High voltage resonant circuit, Snubber circuit and Protection of semiconductors such as IGBT, IPM and MOSFET.

Model numbering system



Dimensions



Circuit



Electrical Specifications

Rated Voltage	Model Number	Capacitance μF	Dimensions (mm)					Dissipation Factor	Test Voltage	Insulation Resistance
			W	H	T	F	φ d			
400Vdc	HHC400V333□	0.033	17.0	12.0	5.0	15.0	0.8	0.001max. (at 1kHz)	Rated Voltage ×1.75Vdc (2~5sec)	50,000MΩmin. (at 20°C, 100Vdc)
	HHC400V393□	0.039	17.0	13.5	6.5	15.0	0.8			
	HHC400V473□	0.047	17.0	13.5	6.5	15.0	0.8			
	HHC400V563□	0.056	17.0	15.0	8.0	15.0	0.8			
	HHC400V683□	0.068	17.0	15.0	8.0	15.0	0.8			
	HHC400V823□	0.082	25.0	16.0	6.5	22.5	0.8			
	HHC400V104□	0.1	25.0	16.0	6.5	22.5	0.8			
	HHC400V124□	0.12	25.0	17.5	8.0	22.5	0.8			
	HHC400V154□	0.15	25.0	17.5	8.0	22.5	0.8			
	HHC400V184□	0.18	25.0	19.5	10.0	22.5	0.8			
HHC400V224□	0.22	25.0	19.5	10.0	22.5	0.8				
630Vdc	HHC630V103□	0.01	17.0	12.0	5.0	15.0	0.8			
	HHC630V123□	0.012	17.0	12.5	5.5	15.0	0.8			
	HHC630V153□	0.015	17.0	12.5	5.5	15.0	0.8			
	HHC630V183□	0.018	17.0	12.5	5.5	15.0	0.8			
	HHC630V223□	0.022	17.0	12.5	5.5	15.0	0.8			
	HHC630V273□	0.027	17.0	13.5	6.5	15.0	0.8			
	HHC630V333□	0.033	17.0	15.0	8.0	15.0	0.8			
	HHC630V393□	0.039	17.0	15.0	8.0	15.0	0.8			
	HHC630V473□	0.047	17.0	15.0	8.0	15.0	0.8			
	HHC630V563□	0.056	25.0	16.0	6.5	22.5	0.8			
	HHC630V683□	0.068	25.0	16.0	6.5	22.5	0.8			
	HHC630V823□	0.082	25.0	17.5	8.0	22.5	0.8			
	HHC630V104□	0.1	25.0	17.5	8.0	22.5	0.8			
	HHC630V124□	0.12	25.0	19.5	10.0	22.5	0.8			
HHC630V154□	0.15	25.0	19.5	10.0	22.5	0.8				
HHC630V184□	0.18	25.0	19.5	10.0	22.5	0.8				
HHC630V224□	0.22	25.0	19.5	10.0	22.5	0.8				
1250Vdc	HHC1250V102□	0.001	17.0	12.0	5.0	15.0	0.8			
	HHC1250V122□	0.0012	17.0	12.0	5.0	15.0	0.8			
	HHC1250V152□	0.0015	17.0	12.0	5.0	15.0	0.8			
	HHC1250V182□	0.0018	17.0	12.0	5.0	15.0	0.8			
	HHC1250V222□	0.0022	17.0	12.0	5.0	15.0	0.8			
	HHC1250V272□	0.0027	17.0	12.5	5.5	15.0	0.8			
	HHC1250V332□	0.0033	17.0	12.5	5.5	15.0	0.8			

□:J=Tolerance of Capacitance ±5%, K=Tolerance of Capacitance ±10%

Operating Temperature: -40~+105°C



Electrical Specifications

Rated Voltage	Model Number	Capacitance μF	Dimensions (mm)					Dissipation Factor	Test Voltage	Insulation Resistance
			W	H	T	F	ϕ d			
1250Vdc	HHC1250V392□	0.0039	17.0	12.5	5.5	15.0	0.8	0.001max. (at 1kHz)	Rated Voltage $\times 1.75\text{Vdc}$ (2~5sec)	50,000M Ω min. (at 20°C, 100Vdc)
	HHC1250V472□	0.0047	17.0	12.5	5.5	15.0	0.8			
	HHC1250V562□	0.0056	17.0	13.5	6.5	15.0	0.8			
	HHC1250V682□	0.0068	17.0	13.5	6.5	15.0	0.8			
	HHC1250V822□	0.0082	17.0	15.0	8.0	15.0	0.8			
	HHC1250V103□	0.01	17.0	15.0	8.0	15.0	0.8			
	HHC1250V123□	0.012	25.0	16.0	6.5	22.5	0.8			
	HHC1250V153□	0.015	25.0	16.0	6.5	22.5	0.8			
	HHC1250V183□	0.018	25.0	17.5	8.0	22.5	0.8			
	HHC1250V223□	0.022	25.0	17.5	8.0	22.5	0.8			
	HHC1250V273□	0.027	25.0	19.5	10.0	22.5	0.8			
	HHC1250V333□	0.033	25.0	19.5	10.0	22.5	0.8			

□:J=Tolerance of Capacitance $\pm 5\%$, K=Tolerance of Capacitance $\pm 10\%$

Operating Temperature: -40~+105°C

● *Permissible current data*

The representative capacity value's permissible current characteristics per rated voltage is shown below.
Please ask a sales representative for capacitance data not shown below.

