

**RoHS  
Compliant**



## Specifications

Tolerance	: ±10%
Dielectric	: Y5U
Insulation Resistance	: ≥100MΩ
DF	: ≤5%
Operating Temperature	: -25°C to +85°C
Capacitor Change Rate	: +22% to -56%
Capacitance	: 100nF

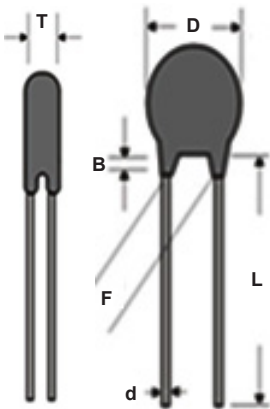
## Specification Table

Part Number	Dielectric Strength	Working Voltage
MPCC50V104KY5U	100V DC 1-5S < 50mA	50V (DC)
MPCC100V104KY5U	200V DC 1-5S < 50mA	100V (DC)

## Test Condition

Frequency	Temperature	R.H.
1kHz 0.1V	25°C ±2°C	65%

## Diagram



Part Number	D	B	F	L	T	d
MPCC50V104KY5U	≤9	≤3	5 ±1	5 ±1	≤3	0.5
MPCC100V104KY5U				7 ±1		±0.1

Dimensions : Millimetres

## Part Number Table

Description	Part Number
Ceramic Disc Capacitor, 0.1µF, 10%, 50V, Through Hole	MPCC50V104KY5U
Ceramic Disc Capacitor, 0.1µF, 10%, 100V, Through Hole	MPCC100V104KY5U

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