

# Commercial Grade, General Purpose Disc, High Voltage CGP, High Voltage

## Overview

KEMET's General Purpose encapsulated radial leaded ceramic disc capacitors are specifically designed for DC and pulse high voltage applications. These capacitors are well-suited for applications that require bypassing, coupling, and decoupling.

## Benefits

- Operating temperature range of  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- 5.0 mm, 7.5 mm, 10 mm, and 12.5mm lead spacing
- Preformed (crimped) or straight lead configurations
- Lead(Pb)-free and RoHS Compliant
- Halogen-free

## Applications

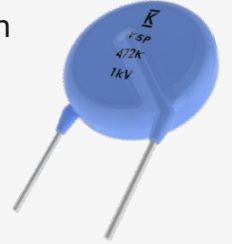
- Bypassing, coupling and decoupling
- DC and pulse high voltage
- DC Ballast
- High voltage power supplies
- Air purifier / ionizer
- DC Blocking
- Switching power supplies

## Electrical Characteristics

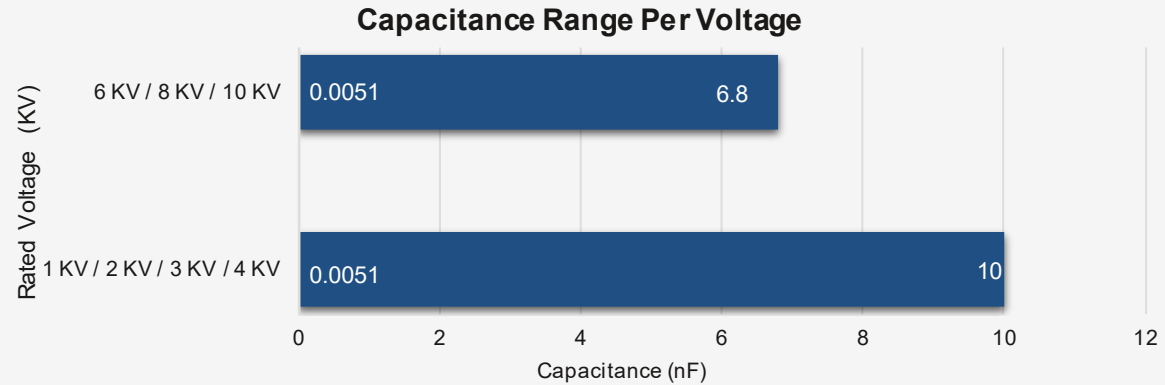
- Rated Voltage (VDC): 1 KV to 10 KV.
- Capacitance Range: 5.1 pF to 10 nF
- Available capacitance tolerances of  $\pm 5\%$ ,  $\pm 10\%$ , and  $\pm 20\%$

## Features

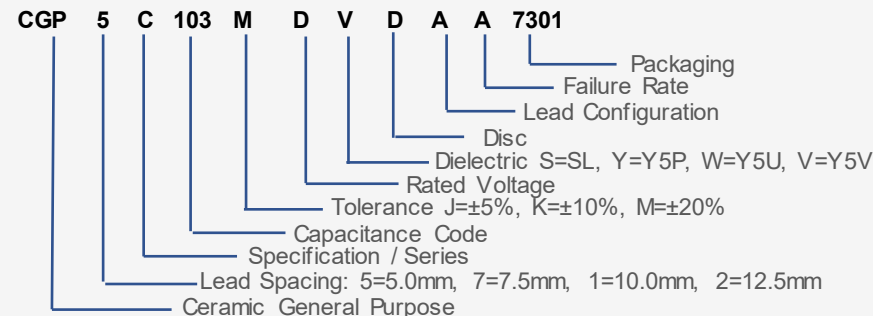
- Non-polar device, minimizing installation concerns



## Characteristics



## Part Number System



Rated Voltage	
D	1,000 V
G	2,000 V
H	3,000 V
U	4,000 V
K	6,000 V
L	8,000 V
N	10,000 V

Lead Configuration	
A	Straight
B	Vertical Kink
C	Outside Kink
D	Inside Kink