

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[MPCC100V104KY5U](#)

[MPCC50V104KY5U](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant

**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 |

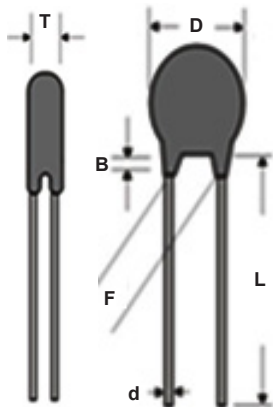
Specification Table

| 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 |

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

EN - For pricing and availability in your local country please visit one of the below links:

DE - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

FR - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[MPCC100V104KY5U](#)

[MPCC50V104KY5U](#)

EN

This Datasheet is presented by
the manufacturer

DE

Dieses Datenblatt wird vom
Hersteller bereitgestellt

FR

Cette fiche technique est
présentée par le fabricant