



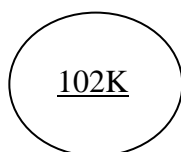
SUPERTECH ELECTRONIC CO., LTD.

DISC CERAMIC CAPACITOR

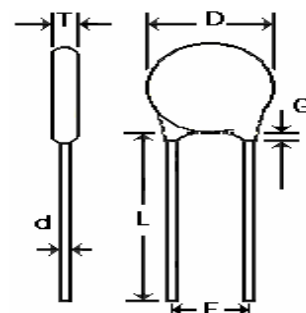
Part No. : RDDB102K1H5L1

MECHANICAL :

Thickness (T) : 3.5 mm Max.
 Lead Diameter : 0.52 mm \pm 0.05 mm
 Soldering Test : 250 °C \pm 5 °C
 Pulling Test : 2 KG
 Marking :



CP Wire



ELECTRICAL :

Capacitance : 1000PF
 Capacitance Tolerance : + - 10 %
 ∇ or DF : 0.025 Max.

External Dimensions (D)	5mm \pm 1mm
Lead Spacing (F)	5mm \pm 0.8mm
Thickness (T)	3.5mm Max.
Lead Length (L)	25mm \pm 3mm
Lead Diameter (d)	0.52mm \pm 0.05mm
Lead Coating (G)	1.5mm Max.

Insulation Resistance : \geq 10000M Ω
 Working Voltage : 50 V DC
 Dielectric Withstanding : 125 V DC for 1~5 sec

Temperature Characteristic :

According to EIA Y5P The Capacitance change of +10 - 10 %
 between the temperature range of - 25 °C ~ + 85 °C

TESTING INSTRUMENTS :

- 1 . TEMPERATURE COMPENSATING TYPE : hp 4278A
- 2 . HIGH DIELECTRIC TYPE : hp 4265A

TESTING CONDITIONS :

Testing Frequency : 1MHz
 Testing Voltage : 1.0Vrms

* Remarks: Withstand voltage below 100VDc, all need to comply with the manufacturing specifications of Coating's non-leakable silver electrode

DATE : 2021/5/14
 APPROVER : Sally Hsu