



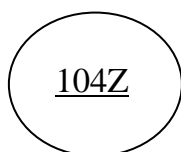
SUPERTECH ELECTRONIC CO., LTD.

DISC CERAMIC CAPACITOR

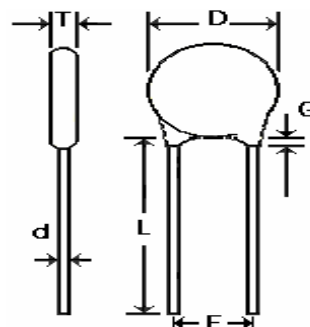
Part No. : RDDF104Z1H5L1

MECHANICAL :

Thickness (T) : 3 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 : 0.1UF
 Capacitance Tolerance : + 80 - 20 %
 ϕ or DF : 0.05 Max.

External Dimensions (D)	6.5mm \pm 1mm
Lead Spacing (F)	5mm \pm 0.8mm
Thickness (T)	3mm Max.
Lead Length (L)	25mm \pm 3mm
Lead Diameter (d)	0.52mm \pm 0.05mm
Lead Coating (G)	2.0mm Max.

Insulation Resistance : $\geq 1000M\Omega$
 Working Voltage : 50 V DC
 Dielectric Withstanding : 100 V DC for 1~5 sec

Temperature Characteristic :

According to EIA Y5V The Capacitance change of + 22 - 82 %
 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