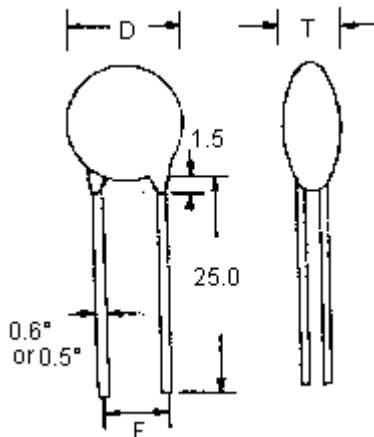


Low K 50V dc



Features:

- Linear temperature coefficient of capacitance.
- High stability of capacitance.
- Low loss at wide range of frequency.



Dimensions : Millimetres

Specifications:

| | |
|-------------------------------|--|
| Operating temperature range | : -25°C to 85°C. |
| Rated working voltage | : 50V dc and 500V dc. |
| Test voltage | : 3 times of the rated voltage. |
| Capacitance | : Within the tolerance at 1MHz, $1 \pm 0.2V_{rms}$, 25°C. |
| Q factor | : At 1MHz, $1 \pm 0.2V_{rms}$, 25°C. |
| C \geq 30pF | : Q \geq 1000. |
| C < 30pF | : Q \geq 400 + 20C (C: rated capacitance). |
| Minimum insulation resistance | : 10,000M Ω . |

Temperature Characteristics/Capacitance Value/Rated Voltage

| Description | Rated Voltage (V dc) | Temperature Characteristics | Capacitance | | Dimensions | | | Part Number |
|----------------------|----------------------|-----------------------------|-------------|---------------------------------------|-------------------------|-----------|-----|-------------|
| | | | Range (pF) | Tolerance | D \varnothing Maximum | T Maximum | F | |
| Capacitor, 5PF, 50V | U 50 | CH 0 \pm 60 PPM/°C (NPO) | 0.5 to 47 | C.D. (Under 10pF) J.K. (Over 10pF) | 5.5 | 3.5 | 5.0 | MCCHU5050C5 |
| Capacitor, 10PF, 50V | | | | | | | | MCCHU5100J5 |

Dimensions : Millimetres

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