

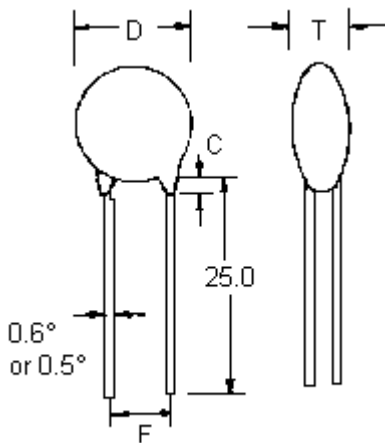
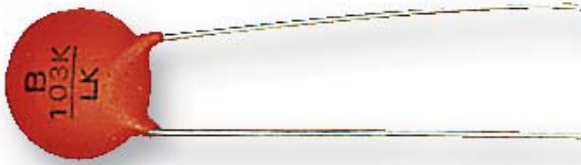
MCCHU Series

Ceramic Disc Capacitors



Features:

- Capacitance has linear temperature coefficient.
- Capacitance high stability.
- Low loss at wide range of frequency.



C:50V = 1.5

Dimensions : Millimetres

Specifications:

Capacitance Range	1pF to 820pF.
Capacitance Tolerance	±5%.
Operating Temperature Range	-25°C to 85°C.
Rated Working Voltage	50V.
Q Factor at 1MHz, $1 \pm 0.2 V_{rms}$, 25°C	C ≥ 30 pF : Q ≥ 1000 C < 30 pF : Q ≥ 400 +20°C.
Insulation Resistance (IR) at 25°C	10,000 MΩ Minimum.
Dielectric Strength	3 times the rated WVDC.
Testing Parameters	1MHz ±20%, $1.0 \pm 0.2 V_{rms}$.

Capacitance Chart:

Temperature Characteristics	Part Diameter	Rated Voltage (V)	Capacitance		Maximum Dimension		
			Range (pF)	Tolerance	D	T	F
MCCH +60 PPM/°C	5	U (50)	0.5 - 47	J (> = 10pF)	5.5	3.5	5.00
	6		51 - 75		6.5		
	7		82 - 100		7.5		
	8		120 - 150		8.5		

Dimensions : Millimetres

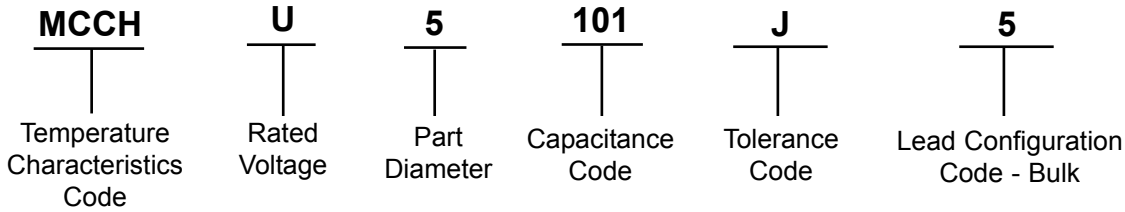


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Part Number Explanation:



Temperature Characteristics Code:

	MCCH (NPO)
T.C. (PPM/°C) or Capacitance Change (%)	+60 PPM/°C

Rated Voltage:

	U
Voltage	50V

Part Diameter:

Code	Diameter (mm)
5	5
6	6
7	7
8	8

Capacitance Code:

Code	Capacitance (pF)
150	15
220	22
330	33
470	47
680	68
101	100
151	150
221	220

Tolerance Code:

Code	Tolerance
J	±5%



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Lead Configuration Code - Bulk:

Bulk Lead Code	Configuration and Dimension		
	Kinked/Straight	Lead Space (F)	Minimum Lead Length (L)
5	Straight	2.5	25

Dimensions : Millimetres

Part Number Table:

Description	Part Number
Capacitor, 15PF 50V	MCCHU5150J5
Capacitor, 22PF 50V	MCCHU5220J5
Capacitor, 33PF 50V	MCCHU5330J5
Capacitor, 47PF 50V	MCCHU5470J5
Capacitor, 68PF 50V	MCCHU6680J5
Capacitor, 100PF 50V	MCCHU7101J5
Capacitor, 150PF 50V	MCCHU8151J5
Capacitor, 220PF 50V	MCCHU0221J5

MCCHU Series

Ceramic Disc Capacitors



Notes:

International Sales Offices:



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