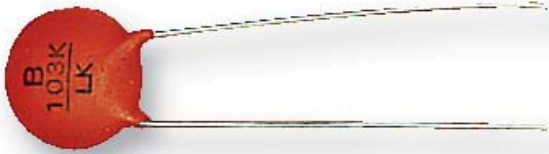


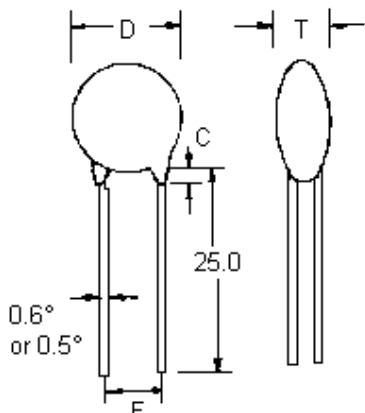
MCCHU Series

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 ±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 ±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

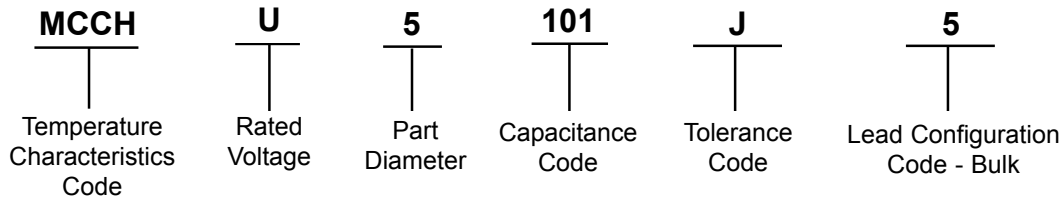


MCCHU Series

Ceramic Disc Capacitors



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%



MCCHU Series

Ceramic Disc Capacitors



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:

 AUSTRALIA – Farnell InOne Tel No: ++ 61 2 9645 8888 Fax No: ++ 61 2 9644 7898	 FINLAND – Farnell InOne Tel No: ++ 358 9 560 7780 Fax No: ++ 358 9 345 5411	 NETHERLANDS – Farnell InOne Tel No: ++ 31 30 241 7373 Fax No: ++ 31 30 241 7333	 SWITZERLAND – Farnell InOne Tel No: ++ 41 1 204 64 64 Fax No: ++ 41 1 204 64 54
 AUSTRIA – Farnell InOne Tel No: ++ 43 662 2180 680 Fax No: ++ 43 662 2180 670	 FRANCE – Farnell InOne Tel No: ++ 33 474 68 99 99 Fax No: ++ 33 474 68 99 90	 NEW ZEALAND – Farnell InOne Tel No: ++ 64 9 357 0646 Fax No: ++ 64 9 357 0656	 UK – Farnell InOne Tel No: ++ 44 8701 200 200 Fax No: ++ 44 8701 200 201
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For enquiries from all other markets

<http://www.farnellinone.com>

<http://www.buckhickmaninone.com>

<http://www.cpc.co.uk>

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