

## MEDIUM/HIGH VOLTAGE MULTILAYER CERAMIC CAPACITORS [ HC Series ]

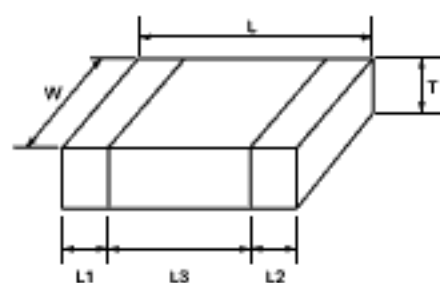
### ■Features

- Wide range of capacitance in small size.
- High voltage.

### ■Applications

- Snubber circuit of power supply.

### ■Dimensions



Unit : mm

| Type | L       | W        | T     | L1, L2 | L3   |
|------|---------|----------|-------|--------|------|
| HC26 | 2.0±0.3 | 1.25±0.2 | ~1.45 | 0.2~   | 0.4~ |
| HC35 | 3.3±0.3 | 1.6±0.2  | ~1.8  | 0.3~   | 1.0~ |
| HC38 | 3.7±0.3 | 2.7±0.2  | ~2.2  | 0.3~   | 1.0~ |
| HC47 | 4.9±0.4 | 3.4±0.3  | ~2.8  | 0.3~   | 1.9~ |
| HC69 | 6.1±0.4 | 5.3±0.4  | ~2.8  | 0.3~   | 2.5~ |
| HC79 | 6.9±0.4 | 5.7±0.4  | ~3.0  | 0.3~   | 2.5~ |

### ■List of products in HC Series

Temperature characteristics : R(-55°C~+125°C, ±15%)

Capacitance tolerance : K(±10%)

#### Rated Voltage : 630VDC

| Part Number    | Capacitance(μF)    | Product height T(mm) |
|----------------|--------------------|----------------------|
| HC35R2J222K-□C | 2,200              | 1.14±0.1             |
| HC35R2J332K-□C | 3,300              | 1.14±0.1             |
| HC35R2J472K-□C | 4,700              | 1.15±0.1             |
| HC38R2J562K-□C | 5,600              | 1.20±0.1             |
| HC38R2J682K-□C | 6,800              | 1.21±0.1             |
| HC38R2J822K-□C | 8,200              | 1.21±0.1             |
| HC38R2J103K-□C | 10,000             | 1.22±0.1             |
| HC38R2J123K-□C | 12,000             | 1.22±0.1             |
| HC38R2J153K-□C | 15,000             | 1.23±0.1             |
| HC47R2J183K-□C | 18,000             | 1.43±0.1             |
| HC47R2J223K-□C | 22,000             | 1.44±0.1             |
| HC47R2J273K-□C | 27,000             | 1.44±0.1             |
| HC47R2J333K-□C | 33,000             | 1.45±0.1             |
| HC47R2J473K-□C | 47,000             | 1.80±0.1             |
| HC69R2J563K-□C | 56,000             | 1.44±0.1             |
| HC69R2J683K-□C | 68,000             | 1.44±0.1             |
| HC69R2J823K-□C | 82,000             | 1.79±0.1             |
| HC69R2J104K-□C | 100,000<br>(0.1μF) | 1.80±0.1             |
| HC69R2J124K-□C | 120,000            | 1.87±0.1             |
| HC79R2J154K-□C | 150,000            | 2.44±0.1             |
| HC79R2J184K-□C | 180,000            | 2.29±0.1             |
| HC79R2J224K-□C | 220,000            | 2.65±0.1             |

#### Rated Voltage : 250VDC

| Part Number    | Capacitance(μF)    | Product height T(mm) |
|----------------|--------------------|----------------------|
| HC26R2E332K-□C | 3,300              | 0.93±0.1             |
| HC26R2E472K-□C | 4,700              | 0.94±0.1             |
| HC26R2E562K-□C | 5,600              | 1.17±0.1             |
| HC26R2E682K-□C | 6,800              | 1.18±0.1             |
| HC26R2E822K-□C | 8,200              | 1.37±0.1             |
| HC35R2E103K-□C | 10,000             | 1.03±0.1             |
| HC35R2E123K-□C | 12,000             | 1.03±0.1             |
| HC38R2E153K-□C | 15,000             | 1.06±0.1             |
| HC38R2E183K-□C | 18,000             | 1.07±0.1             |
| HC38R2E223K-□C | 22,000             | 1.07±0.1             |
| HC38R2E273K-□C | 27,000             | 1.08±0.1             |
| HC38R2E333K-□C | 33,000             | 1.08±0.1             |
| HC38R2E473K-□C | 47,000             | 1.41±0.1             |
| HC47R2E563K-□C | 56,000             | 1.18±0.1             |
| HC47R2E683K-□C | 68,000             | 1.37±0.1             |
| HC47R2E823K-□C | 82,000             | 1.56±0.1             |
| HC47R2E104K-□C | 100,000<br>(0.1μF) | 1.71±0.1             |
| HC69R2E124K-□C | 120,000            | 1.18±0.1             |
| HC69R2E154K-□C | 150,000            | 1.28±0.1             |
| HC69R2E184K-□C | 180,000            | 1.42±0.1             |
| HC69R2E224K-□C | 220,000            | 1.66±0.1             |
| HC79R2E274K-□C | 270,000            | 1.61±0.1             |
| HC79R2E334K-□C | 330,000            | 1.85±0.1             |

#### Rated Voltage : 100VDC

| Part Number    | Capacitance(μF)    | Product height T(mm) |
|----------------|--------------------|----------------------|
| HC26R2A472K-□C | 4,700              | 0.91±0.1             |
| HC26R2A562K-□C | 5,600              | 0.92±0.1             |
| HC26R2A682K-□C | 6,800              | 0.92±0.1             |
| HC26R2A822K-□C | 8,200              | 1.17±0.1             |
| HC26R2A103K-□C | 10,000             | 1.18±0.1             |
| HC26R2A123K-□C | 12,000             | 1.33±0.1             |
| HC35R2A153K-□C | 15,000             | 1.06±0.1             |
| HC35R2A183K-□C | 18,000             | 1.17±0.1             |
| HC35R2A223K-□C | 22,000             | 1.21±0.1             |
| HC35R2A273K-□C | 27,000             | 1.36±0.1             |
| HC38R2A333K-□C | 33,000             | 0.92±0.1             |
| HC38R2A473K-□C | 47,000             | 1.18±0.1             |
| HC38R2A563K-□C | 56,000             | 1.29±0.1             |
| HC38R2A683K-□C | 68,000             | 1.37±0.1             |
| HC47R2A823K-□C | 82,000             | 1.19±0.1             |
| HC47R2A104K-□C | 100,000<br>(0.1μF) | 1.47±0.1             |
| HC47R2A124K-□C | 120,000            | 1.45±0.1             |
| HC47R2A154K-□C | 150,000            | 1.60±0.1             |
| HC47R2A184K-□C | 180,000            | 1.93±0.1             |
| HC69R2A224K-□C | 220,000            | 1.16±0.1             |
| HC69R2A274K-□C | 270,000            | 1.55±0.1             |
| HC69R2A334K-□C | 330,000            | 1.59±0.1             |
| HC69R2A474K-□C | 470,000            | 2.01±0.1             |
| HC79R2A564K-□C | 560,000            | 1.82±0.1             |
| HC79R2A824K-□C | 820,000            | 2.55±0.1             |

\* Specify the taped product (T) or bulk product (B) for □.

\* Please consult us regarding items of Ag/Pd terminations.