

### Stacked Metallized Plastic Film Capacitor



Type: **ECQV(L)/(M)**

Designed for high density insertion applications.

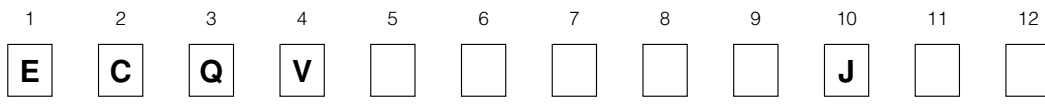
#### ■ Features

- Small size and large capacitance
- Excellent electric characteristics in non-inductive construction
- Wide range for automatic insertion
- RoHS directive compliant

#### ■ Recommended Applications

- General purpose
- Noise suppression for logic circuit

#### ■ Explanation of Part Numbers



Product code

Dielectric & construction

Rated voltage

|    |         |
|----|---------|
| 1H | 50 VDC  |
| 1J | 63 VDC  |
| 1  | 100 VDC |

Capacitance

|   |         |
|---|---------|
| L | 50 VDC  |
|   | 63 VDC  |
| M | 100 VDC |

Cap. Tol.

Suffix Suffix

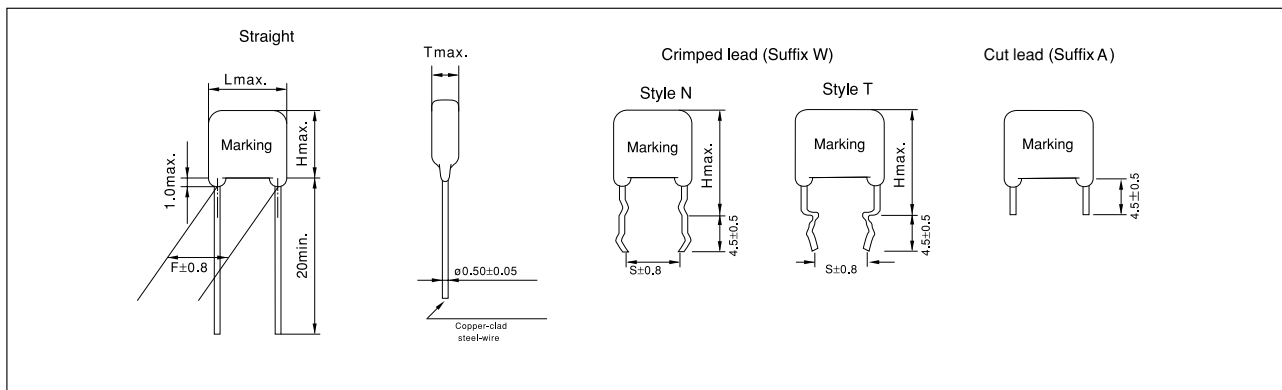
| Suffix | Lead Form                |
|--------|--------------------------|
| Blank  | Straight                 |
| W      | Crimped lead             |
| A      | Cut lead                 |
| 2      | Straight taping ( Ammo ) |
| 3      | Crimped taping ( Ammo )  |

#### ■ Specifications

|  |   |
|--|---|
| Category temp. range<br>(Including temperature-rise on unit surface) | -40 °C to +105 °C   |
| Rated voltage  | 50 VDC, 63 VDC, 100 VDC<br>(Derating of rated voltage by 2.5 %/°C at more than 85 °C)   |
| Capacitance range  | 0.010 μF to 2.2 μF  |
| Capacitance tolerance  | ± 5 % (J)   |
| Dissipation factor (tan δ)   | tan δ ≤ 1.0 % (20 °C, 1 kHz)  |
| Withstand voltage  | Between terminals : Rated volt. (VDC) × 150 % 60 s  |
| Insulation resistance (IR)   | C ≤ 0.33 μF : IR ≥ 3000 MΩ (20 °C, 50 VDC, 60 s ECQV1H, ECQV1J)<br>C > 0.33 μF : IR ≥ 1000 MΩ · μF (20 °C, 100 VDC, 60 s ECQV1) |

\* In case of applying voltage in alternating current (50 Hz or 60 Hz sine wave) to a capacitor with DC rated voltage, please refer to the page of "Permissible voltage (R.M.S) in alternating current corresponding to DC rated voltage".

#### ■ Dimensions in mm (not to scale)



#### ■ Packaging Specifications for Bulk Package

Packing quantity: 100 pcs./bag

Design, Specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please inform us immediately for technical consultation without fail.