

## ● Part Numbering

### Metal Terminal Monolithic Ceramic Capacitors

(Part Number) 

|    |   |    |   |    |    |     |   |     |   |
|----|---|----|---|----|----|-----|---|-----|---|
| KR | M | 55 | T | R7 | 2A | 106 | M | H01 | K |
| ①  | ② | ③  | ④ | ⑤  | ⑥  | ⑦   | ⑧ | ⑨   | ⑩ |

#### ① Product ID

#### ② Series

| Product ID | Code | Series                                       |
|------------|------|----------------------------------------------|
| KR         | M    | Metal Terminal Monolithic Ceramic Capacitors |

#### ③ Chip Dimension (L×W)

| Code | Chip Dimension | EIA  |
|------|----------------|------|
| 55   | 5.7×5.0mm      | 2220 |

#### ⑤ Temperature Characteristics

| Temperature Characteristic Codes |                 |     | Temperature Characteristics |                   |                         | Operating Temperature Range |
|----------------------------------|-----------------|-----|-----------------------------|-------------------|-------------------------|-----------------------------|
| Code                             | Public STD Code |     | Reference Temperature       | Temperature Range | Temperature Coefficient |                             |
| R7                               | X7R             | EIA | 25°C                        | -55 to 125°C      | ±15%                    | -55 to 125°C                |

#### ⑥ Rated Voltage

| Code | Rated Voltage |
|------|---------------|
| 1E   | DC25V         |
| 1H   | DC50V         |
| 1J   | DC63V         |
| 2A   | DC100V        |

#### ⑦ Capacitance

Expressed by three-digit alphanumerics. The unit is pico-farad (pF). The first and second figures are significant digits, and the third figure expresses the number of zeros that follow the two numbers.

Ex.)

| Code | Capacitance |
|------|-------------|
| 105  | 1.0μF       |
| 225  | 2.2μF       |
| 106  | 10μF        |
| 226  | 22μF        |

#### ④ Height Dimension (T)

| Code | Dimension (T) |
|------|---------------|
| L    | 2.8mm         |
| Q    | 3.7mm         |
| T    | 4.8mm         |
| W    | 6.4mm         |

#### ⑧ Capacitance Tolerance

| Code | Capacitance Tolerance |
|------|-----------------------|
| K    | ±10%                  |
| M    | ±20%                  |

#### ⑨ Individual Specification Code

Expressed by three figures.

#### ⑩ Package

| Code | Package                |
|------|------------------------|
| K    | ø330mm Embossed Taping |