



# THE DATASHEET OF CSTCW40M0X51-R0



## ● Part Numbering

### CERALOCK® (MHz)

(Part Number)

|    |   |    |      |   |   |   |      |    |
|----|---|----|------|---|---|---|------|----|
| CS | T | NE | 16M0 | V | 5 | 3 | **** | R0 |
| 1  | 2 | 3  | 4    | 5 | 6 | 7 | 8    | 9  |

#### ① Product ID

| Product ID |                    |
|------------|--------------------|
| CS         | Ceramic Resonators |

#### ② Frequency/Capacitance

| Code | Frequency/Capacitance            |
|------|----------------------------------|
| A    | MHz without Built-in Capacitance |
| T    | MHz with Built-in Capacitance    |

#### ③ Structure/Size

| Code           | Structure/Size             |
|----------------|----------------------------|
| LS             | Round Lead Type            |
| CC             | Cap Chip Type              |
| CR/CE/CG/NR/NE | Small-cap Chip Type        |
| CV             | Monolithic Chip Type       |
| CW             | Small Monolithic Chip Type |

#### ④ Nominal Center Frequency

Expressed by four-digit alphanumerics. The unit is in hertz (Hz).  
Decimal point is expressed by capital letter "M."

#### ⑤ Design

| Code | Design                                 |
|------|--|
| G    | Thickness Shear mode                   |
| T/V  | Thickness Expander mode                |
| X    | Thickness Expander mode (3rd overtone) |

#### ⑥ Initial Frequency Tolerance

| Code | Initial Frequency Tolerance |
|------|-----------------------------|
| 5    | ±0.5%                       |
| 3    | ±0.3%                       |
| 2    | ±0.2%                       |
| 1    | ±0.1%                       |
| H    | ±0.07%                      |

#### ⑦ Load Capacity

| Code | Load Capacity |
|------|---------------|
| 1    | 5pF           |
| 2    | 10pF          |
| 3    | 15pF          |
| 4    | 22pF          |
| 5    | 33/39pF       |
| 6    | 47pF          |

#### ⑧ Individual Specification

| Code | Individual Specification                                     |
|------|--|
| **** | Four-digit alphanumerics express "Individual Specification." |

"0000" or "-": Standard specification type.

#### ⑨ Packaging

| Code | Packaging                          |
|------|------------------------------------|
| B0   | Bulk                               |
| A0   | Radial Taping H <sub>0</sub> =18mm |
| R0   | Plastic Taping ø=180mm Reel        |
| R1   | Plastic Taping ø=330mm Reel        |

• Radial taping is applied to lead type and plastic taping to chip type.

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View CSTCW40M0X51-R0 on WIN SOURCE](#)
- ⊖ [Murata Electronics North America Information](#)

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