



Click [here](#) for the 3D model.

**General Information**

|              |                            |
|--------------|----------------------------|
| Series       | CC X7R                     |
| Style        | SMD Chip                   |
| Description  | SMD, MLCC, General Purpose |
| RoHS         | Yes                        |
| Termination  | Tin                        |
| Halogen Free | Yes                        |
| MSL          | 1                          |

**Dimensions**

|                      |                  |
|----------------------|------------------|
| L                    | 1.6mm +/-0.1mm   |
| W                    | 0.8mm +/-0.1mm   |
| T                    | 0.8mm +/-0.1mm   |
| B                    | 0.4mm +/-0.200mm |
| Case Code (EIA / mm) | 0603 / 1608      |

**Packaging Specifications**

|                    |                        |
|--------------------|------------------------|
| Packaging          | T&R, 330mm, Paper Tape |
| Packaging Quantity | 15000                  |

**Specifications**

|                       |            |
|-----------------------|------------|
| Capacitance           | 2,200 pF   |
| Tolerance             | 10%        |
| Voltage DC            | 50 VDC     |
| Temperature Range     | -55/+125°C |
| Temp. Coefficient     | X7R        |
| Dissipation Factor    | 2.5%       |
| Insulation Resistance | 10 GOhms   |

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