



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

General Information

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

Dimensions

| | |
|----------------------|--------------------|
| L | 3.2mm +/-0.15mm |
| W | 1.6mm +/-0.15mm |
| T | 0.85mm +/-0.1mm |
| B | 0.525mm +/-0.275mm |
| Case Code (EIA / mm) | 1206 / 3216 |

Packaging Specifications

| | |
|--------------------|------------------------|
| Packaging | T&R, 178mm, Paper Tape |
| Packaging Quantity | 4000 |

Specifications

| | |
|-----------------------|------------|
| Capacitance | 0.047 uF |
| 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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