

## C1812C334MARACTU

Aliases (C1812C334MARAC7800)

SMD Comm X7R Tip-Ring, Ceramic, 0.33 uF, 20%, 250 VDC, X7R, SMD, MLCC, Temperature Stable, Tin Termination, 1812



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

### Dimensions

|           |                  |
|-----------|------------------|
| Chip Size | 1812             |
| L         | 4.5mm +/-0.3mm   |
| W         | 3.2mm +/-0.3mm   |
| T         | 1.55mm +/-0.10mm |
| B         | 0.6mm +/-0.35mm  |

### Packaging Specifications

|                    |                          |
|--------------------|--------------------------|
| Packaging          | T&R, 180mm, Plastic Tape |
| Packaging Quantity | 1000                     |

### General Information

|                  |  |
|------------------|--|
| Series           | SMD Comm X7R Tip-Ring                          |
| Style            | SMD Chip                                       |
| Description      | SMD, MLCC, Temperature Stable, Tin Termination |
| Features         | Tin Termination                                |
| RoHS             | Yes  |
| Termination      | Tin  |
| Marking          | No   |
| AEC-Q200         | No   |
| Component Weight | 95 mg  |
| Shelf Life       | 78 Weeks                                       |
| MSL              | 1  |

### Specifications

|  |   |
|--|---|
| Capacitance  | 0.33 uF   |
| Measurement Condition  | 1 kHz 1.0Vrms                                   |
| Capacitance Tolerance  | 20%   |
| Voltage DC   | 250 VDC   |
| Dielectric Withstanding Voltage                                    | 625 VDC   |
| Temperature Range  | -55/+125°C                                      |
| Temperature Coefficient  | X7R   |
| Capacitance Change with Reference to +25°C and 0 VDC Applied (TCC) | 15%, 1kHz 1.0Vrms                               |
| Dissipation Factor   | 2.5% 1kHz 1.0Vrms                               |
| Aging Rate   | 3% Loss/Decade Hour: Referee Time is 1000 Hours |
| Insulation Resistance  | 3.0303 GOhms                                    |

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