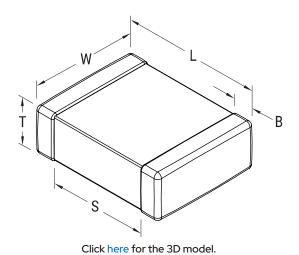


## C1812X334JARACTU

Aliases (C1812X334JARAC7800) SMD Comm X7R Flex, Ceramic, 0.33 uF, 5%, 250 VDC, X7R, SMD, MLCC, FT-CAP, Temperature Stable, 1812, 2.3 mm



| General Information      |  |
|--------------------------|--|
| Series                   | SMD Comm X7R Flex                        |
| Style                    | SMD Chip                                 |
| Description              | SMD, MLCC, FT-CAP,<br>Temperature Stable |
| Features                 | FT-CAP, Temperature Stable               |
| RoHS                     | Yes                                      |
| Termination              | Flexible Termination                     |
| Marking                  | No                                       |
| AEC-Q200                 | No                                       |
| Typical Component Weight | 95 mg                                    |
| Shelf Life               | 78 Weeks                                 |
| MSL                      | 1  |

| Dime | ensions |                  |
|------|---------|------------------|
| Chip | Size    | 1812             |
| L    |         | 4.5mm +/-0.4mm   |
| W    |         | 3.2mm +/-0.3mm   |
| т    |         | 1.55mm +/-0.10mm |
| S    |         | 2.3mm MIN        |
| в    |         | 0.7mm +/-0.35mm  |
|      |         |                  |

## **Packaging Specifications**

Packaging T&R, Packaging Quantity 1000

T&R, 180mm, Plastic Tape 1000

| Specifications   |  |
|--|--|
| Capacitance  | 0.33 uF  |
| Measurement Condition  | 1 kHz 1.0Vrms                                      |
| Tolerance  | 5%   |
| Voltage DC   | 250 VDC  |
| Dielectric Withstanding Voltage  | 625 VDC  |
| Temperature Range  | -55/+125°C   |
| Temp. Coefficient  | X7R  |
| Capacitance Change with<br>Reference to +25°C and 0 VDC<br>Applied (TCC) | 15%, 1kHz 1.0Vrms                                  |
| Dissipation Factor   | 2.5%1kHz1.0Vrms                                    |
| Aging Rate   | 3% Loss/Decade Hour: Referee<br>Time is 1000 Hours |
| Insulation Resistance  | 3.0303 GOhms                                       |

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